~39~

TRANSIT BOOK

N. W. P. R. R. CO.

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The Hicks-Judd Company
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#39

Petaluma	99-100	" " " " "	
Crown	101-102	Levels	
Hogans Cut	103-104	Line Change	Oct-25-1916
Healdsburg	105-106	Stevens Lumber Co.'s Pur.	
Haystack	107-114	Sections relative to overflow from Quarry 12-13-16	

Cloverdale	61-	Track through to clearance - Flat cut back.
Cloverdale	62	Location of Boiler House.
Lytton	64	Line of Water Way - Trestle 75A.
"	65-66	X sects. on above.
Largo	67-74	Right of way data.
Ridgewood	75-78	Location of Section Lines.
Preston	79	Location of Mail Crane.
Willits	80	Ballast deck trestle 1391'.
Preston	81	Magnesite Lease.
Ukiah	82	Location of New #3 C. yds. New work Report.
Sears Point	83-84	Location of R. of W. fences Sept. 6-16
Point Reyes	85-90	Yard Change.
" "	91-96	Levels in New yard.
Tiburon	97-98	Prop. New 36" Con. Pipe.
Petaluma	99-100	" " " " "

	Page		
Cotati	24	Location of Mail Crane	July 1916
Fulton	25	" " " "	" "
Windsor	26	" " " "	" "
Lytton	27	" " " "	" "
Sylvandale	28	Location of Dc Rail	" "
Cazadero	28	76'-40# Steel Tamonop (gravel Pit)	" "
Bridge 76 Q			
Duncans Mills	29	New Frame Bents, Piles + Spans	" "
Moscow	30	Spur Tracks	" "
San Antonio	31	Profile, Top of Tie Main Line	" "
Haystack	32-38	X Sects. Prop. Siding.	
Crown	39-44	Levels on drainage ditch	
Santa Rosa	45-48		
Ignacio to Pet. Creek	53-58	Check R. of W. fences.	July - 1916
Healdsburg	59-60	Survey of Sotoyome Lumber Co	Aug. 2 - 1916

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Book 39.

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Commiskey	Pages 5-8	X Sections of Station Grounds	" 27 "
Pocket	" 9	Change of siding To 18" Centers	
"	" 10-11	X Sections of yard.	June - 1916
Trestle 62H	" 12-13	Investigation of Surface & Line	" "
" 62H	" 14-17	Levels on Trestle 62H	" "
Commiskey	" 20	Location of Grapevines on Left hill	July "
Ignacio	" 21	Location of Mail Crane	" "
Novato	" 22	" " " " & Temp. Depot	" "
Penn Grove	" 23	" " " "	" "

2+53
33
2+20

MAY 26 1916

GLOVERDALE

TURN TABLE
LEVELS ON OIL SPOT.

	TOP TIE Rod	TOP RAIL Com.
R.S.W.		
0+00 (TOP TIE)	4.03	3.70
0+50		3.46
0+85	103.1	3.43
1+00		3.34
1+22		3.25
1+50 (TOP TIE)	3.51	3.18
1+78		
2+00		3.01
2+17	3.21	2.88
TOP CEIBING.	6.13	

raise track - at
2+17 - 3"
2+18 - WEST. EXT.

℄ TURN TABLE.
2+33
2+15-

TURN TABLE LEVELS.

oil. clm.

H. Bar

3.21
2.88
.33

3.21
6.13
2.92

48 in
16
3 ft

3.33

3.21
3.33
6.54
6.13
41

2+28 100.00 .08 .41

40" = 3.33

ELEV. GO ELEV.

100.00
100.24
100.27
100.36
100.45
100.52
100.69
100.82

— 100.27 3.43

100.82 2.88
101.23 2.47

TOP TILE
100.49 101.23

97.57 -

100.49
3.33
97.16
97.57
.16
.41

97.57
3.33
100.90
33
101.23

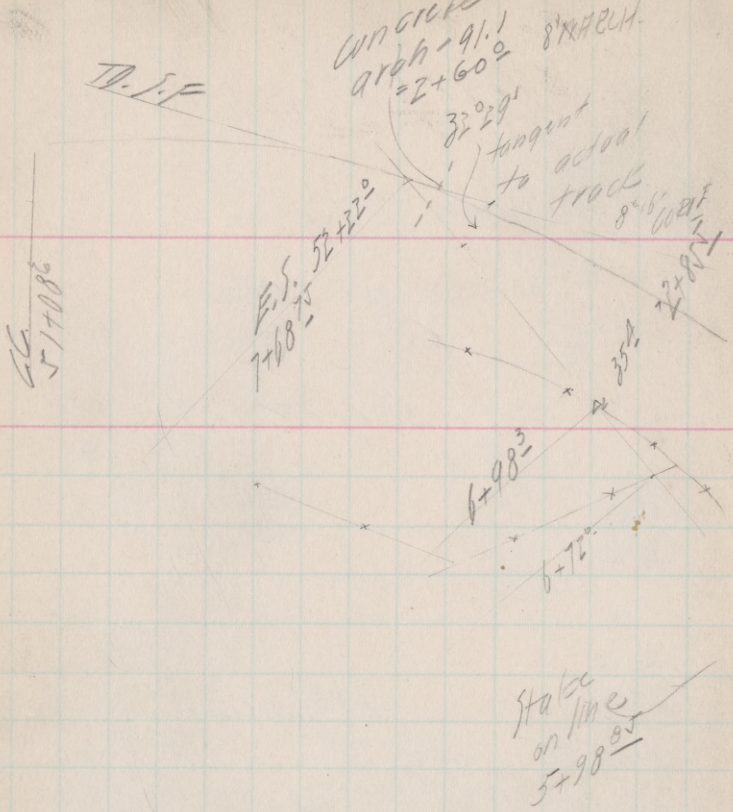
101.23

101.23 2.47 - raise 5"

103.7
100.00
3.80

6.13
3.33
2.80

101.23
.33
100.90 base rail


concrete
arch - 91.1
=2+60=
8" thick
32°29'
tangent
to actual
track
8°16' CURVE
2+87=
E.S. 52+32=
7+48=
L.C.
5+10.8=
35=
6+98=
6+72=
state
on line
5+98=

Sketch Y - (4)

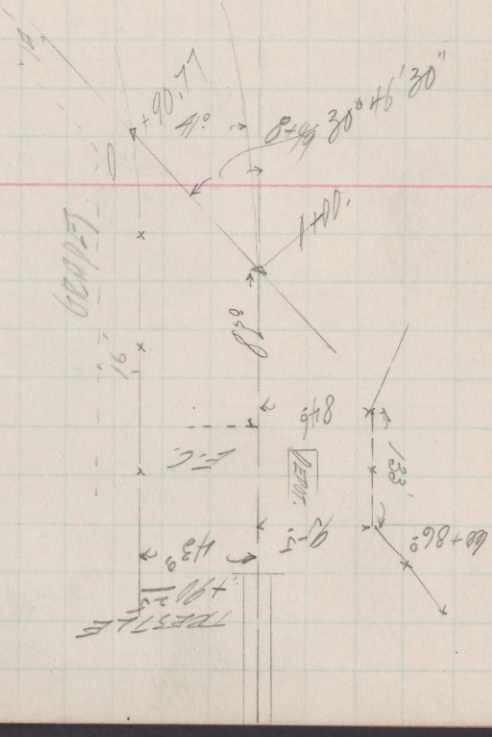
6/1/16

Fee.

CAMISKY

LAND SURVEY.

MAY-27-1916.



CROSS.

LT.

4.8 2.0 -2.2 -3.5 -3.2 -2.4 60 + 40
+7.0 +4.2 0.0 -1.3 -1.0 -0.4
89.5 - fence 79.5 42 38 27 28 0

4.8 6.8 5.4 4.4 -0.7 -2.3 -2.1 60 + 90
+7.0 +9.0 +7.5 +6.6 +1.5 -0.1 +0.5 0
95 - fence 81. 67.5 52 44.5 32 29 0

25.8 18.0 8.3
+28 +30.2 +10.5
145. 112 - fence 100.

22.4 18.0 14.4 9.8 6.4 -1.9 9 + 50
~~+3.0~~ ~~19.6~~ ~~15.0~~ ~~10.4~~ ~~7.0~~ ~~-1.3~~ -1.95
24.4 + 21.0 +16.4 +11.8 +8.4 +0.1 0
89.5 82 67 59 52 30 spur on L.

27.0 27.6 25.6 26.3 24.1
+29.0 + 29.6 + 27.6 + 28.3 + 26.1
140 - fence 125 114 111.5 98.5 - fence
43.0 40.6 35.0 22.2
+45.0 42.6 37.0 +24.2
216 192.5 170 - fence 150

46.9 21.3 10.9 78.2 -1.0 9 + 00 -1.8
~~+7.5~~ ~~21.9~~ ~~11.5~~ ~~48.8~~ ~~-1.1~~ ~~-1.2~~ ~~-1.2~~
+48.7 +23.1 +12.7 +80 +0.8 0 0
123 95.0 66 51.5 37 22 0
~~37.8~~ ~~+1.9~~ ~~+7.1~~ ~~+8.6~~
+ 30.0 + 43.1 + 48.3 + 49.8
+ 37.2 47.3 46.5 48.0
180 113 - fence 94 - fence 97 ~~+1.0~~ 80.5
+42.2 +46.3
200 - fence 230 - fence

SECTIONS.

STATION GROUNDS.

ET. -(2.22)

~~-3.2~~	~~-2.5~~	~~-3.2~~	~~-7.4~~	-10.0
-1.0	-0.3	-1.0	-5.2	-7.8
7	10	15	26	43 fence.

-2.2	-4.0	-3.0	+1.0	-0.6	-4.0	-6.2	-8.3
0	-1.8	-0.8	+3.2	+1.6	-1.8	-4.0	-6.1
4	7.5	6.0	15.0	21	27.5	41	44

-6.3
57

~~-2~~	~~-2~~	~~-3.1~~	~~+4.9~~ (1.95)	~~+3.7~~	1.0	~~-1.40~~
~~-1.4~~	~~-1.4~~	~~-2.5~~	~~4.5~~	~~3.3~~	1.6	~~0.6~~
0	0	-1.1	+6.9	+4.7	+3.6	+3.4
0	5	15	17	41	45	55

(1.80)

~~-1.8~~	~~-2.8~~	~~7.8~~	~~7.8~~	~~2.3~~	~~-3.2~~
~~-1.2~~	~~-2.2~~	~~8.4~~	~~8.4~~	~~2.9~~	~~-3.6~~
0	-1.0	+9.6	+9.6	+4.1	-1.4
4	7.5	21	26	37	73.5

LT.

8+55

50.8 30.5 26.3 9.9 0.7 -0.4
+52.5 +34.2 +27.0 +1.6 +2.4 +1.3
118 129 98 76 48 22 14

fence.

46.3 43.3 42.6 31.8 54.7
+48 +44. +44.3 +32.5 +54.2
245 235 225 154 132

CREEK
15' wide

8+10 — (1.53)

53.5 48.7 48.9 23.0 8.4 4.8 -2.0
+55 +50.2 +40.4 +24.5 +9.9 +6.3 -0.5 0
139 109 71 46 51 26 18.5 6 4
fence bank

— (1.39)

33.0 32.8 25.2 22.3 7+62.5 ℄ gulch. 10 wide
+34.1 +34.2 +26.6 +23. +16.8 +13.5 -0.0 -0.8 -1.39
106 99 83-fence 76 47 25 8 6 4
gulch 23 wide 10 wide

27.6 56.2 49.2 38.2
+59 +57.6 +50.6 + 39.6
250 190 145 140 132

39.8 -1.2 7+00 creek
+40. 38.3 23.4
+39.5 +24.6
124 106 63-fence
71.8 65.5 64.8
+73. +66.7 +63.0
243 228 218

12.2 6.8 -2.0
+13.4 +8.0 -0.8
37 22 6
46.0
52.0 +57.2
+53.2
196
+8 edge of creek

(6)

ET.

(1.66)

-1.66 -0.5 9.1 | 7.1 1.5 -2.0
0 -1.2 10.8 | +8.8 +3.2 -1.3
4 8 23 27 fence | 35 42 61

-5.3 -8.7
-3.6 -7.0
85 102

8+00 — (1.5)

2.7 | 10.0 8.1 4.0 7.8 -1.5
-1.2 | +11.5 +9.6 +5.5 +3.3 00
8 25 26 fence 30.5 36 48 50

-16.9 -21.4
-15.4 -19.9
108 138

7+45 — (1.34) fence 26.5

-2.4 -2.3 3.6 3.2 7.6 4.6 3.6 -3.4
-1.1 -1.1 +5.0 +4.5 +9.0 +6.0 +5.0 -2.0
6 8 16 22 29 32 46.5 68.5

-6.0 -17.3 -23.7 -24.7
-4.7 -16.0 -22 -23
75 112 140 160

7+00 -2.3 -2.3 7.8 8.8 6.8 4.3 2.8 -3.3 -8.2
-1.1 -1.1 +8.0 +10.0 +8.0 5.5 +4.0 -1.0 -7.0
6 8 22 26.5 fence 31 36 46 62 78

-10.2 19.7 -23.2 -24.2 -24.2
-9.0 -18.5 -22 -23 -23
85 115 145 160 180

6+50 2.2 2.2 7.8 8.8 8.0 4.0 0.8 -7.0
-1.2 -1.2 +8.8 +9.8 +9.0 +5.0 +1.8 -1.0
10.9 16.2 22 21.3 26.3 28 34 49 57
-9.7 -15.2 -21 -22 -22.3
78 100 125 140 170

-1.05

LEFT.

50.	48	40.5	22.	21.1	9.2	1.9
57.0	+49.0	+41.5	+23.0	+22.1	+10.2	-0.9
140	120	108	53 fence	48	19	8
Grapevine.						

6+50

6.2 48
+6.3 +49
225 178

6+00

58.1	49.1	46.6	46.1	34.1	23.1	17.1
59	+48	+47.5	+47	+35	+24	+18.0
225	164	140	130	92	66	48 fence
		Grapevine.				

1.5
-0.6
8

SPLIT IN HILL SIDE. from 45 to 135.

5+50

33.7	28.2	25.7	19.7		6.2	0.0 0.0
+34.5	29.0	26.5	+20.5	+11.5	7.2	0.8 0.8
86	70	55	45. fence	34	21	8 6

51.7	45.2	38.2	38.2	43.7	41.5
+52.5	+46.0	+39.0	+39.0	+44.5	+42.3
200	172	160	156	145	130

42.4	40.9	38.9	27.6	5+00	2.1	-1.4
+43.0	41.5	+39.5	28.2	+16.0	+2.5	-0.8
179	100	99	70	44 fence	10	8

49.4	44.4	33.4	33.4		41.4
+50	+45	+34	+34		+42
197	180	167	161		155 fence
					Grapevine.

20' min.

42.6	32.6	28.1	4+50 16.6	14.1	0.6	1.2
43	+36	+28.5	+17.0	+14.5	+1.0	-0.8
126	100	77	47	40 fence	12	8

41.4	28.6	28.6	41.1	41.1	43.6
+41.5	+29.0	+29.2	+41.5	+41.5	+44
245	213	203	202	170	152
brook			brook	brook	

23.7	24.2	20.7	16.7	4+00	0.7
+24.0	+24.5	+21	+17.0	+16.1	41.0
155	107	72	50	40 fence	10

EIGHT.

TOP TIE = 0+00.

To Allow for -0.3 % Grade

RT. -1.05

from Sta. +75 3+00

Subtract from + Elevs. ▽ Add to Minus -- D.J.F.

5/29/16.

6+00

2.9 2.4 2.4 5.1 3.7 2.1 1.1 8.4 15.9
-2 -1.5 -1.5 +6.0 +4.6 +3.0 +2.0 -7.5 -15.0
5 6 9 20.5 31 32 44 77 115

22.9 23.9 23.9 ← 24 Fence
-22.0 -23.0 -23.6
190 155 175

-0.90

-1.0 1.9 1.9 0.2 5+00 -0.8 8.8 15.5 22.3
-0.2 -1.1 -1.1 +1.0 +1.0 -0.0 -8.0 -14.7 -21.5
5 6 9 21 Fence, 30 43 73.5 115 142.5

-0.75

-.22

1.72. -1.8 1.8 5+00 5.2 4.4 2.4 -0.2
.09 -1.2 -1.2 +5.- +5.6 +5.0 +3.0 +0.4
4 16 8 7.6 18.5 24.5 Fence 28.5 33 35

3.1.6
-2.5
0.0.5 -7.6 -12.6 -18.6 -22.1 -22.1
67 -12.0 -18.0 -21.5 -21.0
85 115 145 176

-0.60

1.5 1.5 0.6 4+00 6.6 7.1 5.6 4.6
0 -1.1 -1.1 +1.0 +4.0 +7.0 +7.5 +6.0 +5.0
4 6 8 13 19 23 28 Fence 32 33

1.6 1.4 6.4 12.4 21.4
T 2.2 -1.0 -6.3 -12.0 -21.0
47 60 85 115 145

-0.45

-0.3

4+00
4.7 0.2 0.7 0.7 4.7 5.2 5.7 -1.3
+5.0 +0.5 +1.0 +1.0 +5.0 +5.5 +6.0 -1.0
185 100 85 75 35 16 21 ms 0

22.3 4.7
-22.0 +5.0
190 120

— LT. —

3+48

+8.0 (7.2)	+8.0 (7.2)	+6.0 (5.8)	-0.2 (-1.0)	+2.0 (1.8)	+3. (2.8)	-1.2 (1.0)	-0.5 (0.3)
120	100	85	55	26 fence	20	9.0	9

3+00

20.5	-16.5	-13.0	-1.0	-0.9
56	36	31 fence	10	6

-EIGHT.

3+50 — 0 15

1.2	3.8	2.8	1.7	3.3	7.8	30.3
-1.0	+4.0	+1.0	-1.5	+3.5	+8.0	+30.5
10	19	33.5	80	97	101.0	114

22.8	22.8		20.2			
+23.	+23		-20.0			
126	130		155			

2+70

0	-1.0	-16.5	-18.0	-23.5
6.	11	36 fence	41	67

3+00

-13.0	-14.5	-11.0	-1.0
33	49	80	12

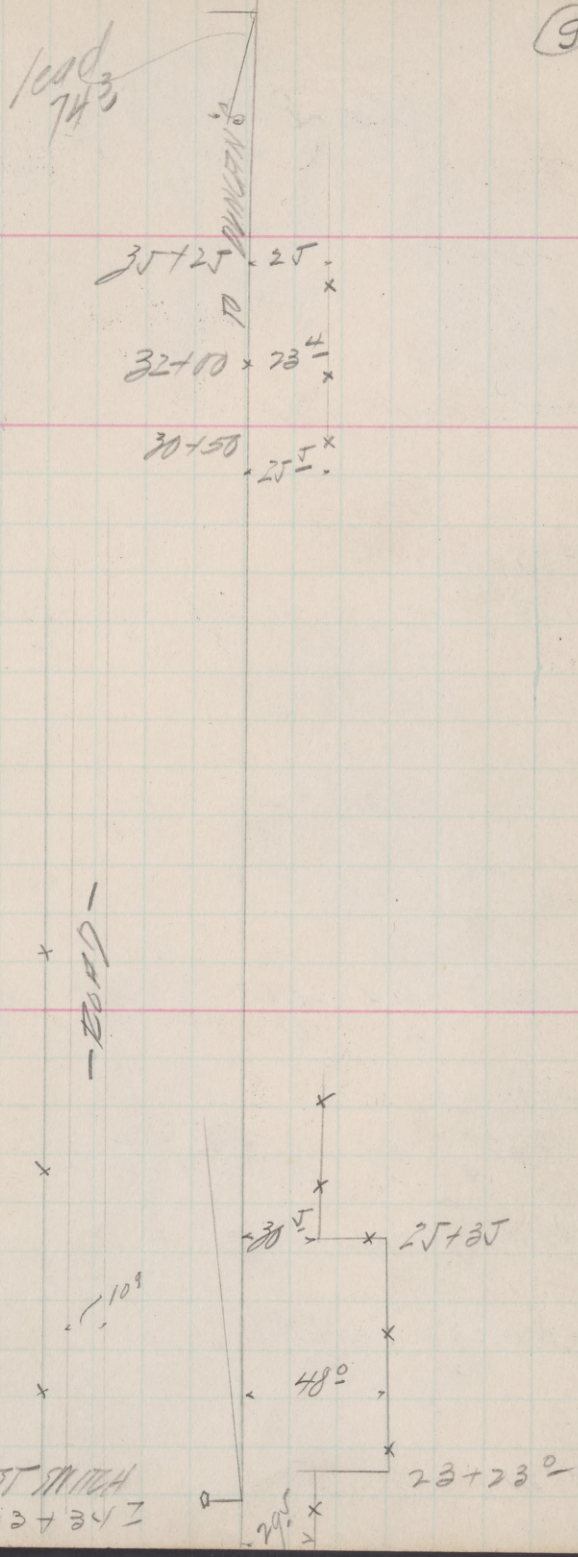
END

continued page 20

Plotted by
W.J.A. June 1914

- POCKET -

		OUT
E.P.SH.	636+96.7	
OUT. 70E.	35+67.5	1½ x 1. x (24)
WOOD PILE	33+77	
	33+35	8' DEEP OUT. 39.0
"	33+32	4' DEEP OUT. 35.4
	32+40	OUT. 37.4
"	32+06	OUT 15° 4' WIDE
	31+09	OUT. 17.2
"	30+12	OUT. 19.5
TRY. OUT.	2½ x 1 8/(40) 30+11°	4' WIDE
	29+54	OUT. 19.5
4 PRIV. TRY. WOOD	29+74	OUT 15° 8'
	28+75	OUT. 15° 4' WIDE
4 PRIV. TRY.	25+09	


Lead
74.3
35+25
25
32+00
28.4
30+50
25.5
48°
23+23°

Plotted by W. J. A.
June 1916

Elbow Limit

RIGHT.

STA-

24+50

25+00

25+50 0 -0.3 +0.1 -0.3 -0.3
0 6 9 12 +0 +2

26+00

26+50 -0.4 +0.3 -0.2
6 8.5 18.5

27+00

27+50 -0.4 -0.4 .00 -0.8 -0.6
4 6 8.5 19 26

28+00

28+50 -0.3 -0.3 0.0 -0.2 +1.2 +1.1 -0.3
4 7 8 18.5 22 26.5 33

29+00 Same 11

29+50 -0.3 -0.6
4 30

30+00

LEFT ✓ ~~CENTER~~ ✓ on LEFT fence

℄ siding

9.1

13.7 45.0

18.1.

27.1 36.0 47.3

-0.7 to tie

26

29.7

-1.4 to tie 50. 66.0

33.1

35.4 ✓

-0.3

36.6 ✓

-1.0 to tie 58.5 75.0

36.9

STA.

30+50

0 0.5 0.5 0.0 +0.3
0 4 7 10 38

31+00

32+00

32+50 -0.4 +0.3
0 23

33+00

33+50 0.0 0.0
✓ 18

33+77.2

34+00 0
0

34+50 0
10

35+00

35+25

35+50

36+00

Grass	Fence	Fence on left
-0.5		
35.1 ✓		
33.7 ✓	50.0	78.0
30.9 ✓		
-0.3		
24.4		
28.3		
-0.2		
26.		
	52.5	61.4
73.1		
-0.3 top tie		
21		
15.3		
	45'	58.4
12.5		
7.0		

TRESTLE 62 H

209+39

BEGINING AT WEST BK HD.

209 + 40.2	#1
+ 55.1	#2
+ 70.9	#3
+ 85.7	4
10 + 01.4	5
+ 16.9	6
+ 33	7
+ 48.9	8
+ 64.0	9
+ 80	10
+ 96	11
11 + 11.4	12
+ 27	13
+ 43.2	14
+ 58.6	15
+ 74.9	16
+ 90.8	17
12 + 06.3	18
+ 21.7	19
+ 37.5	20

12+53.1	#21	16+15.0	44
+69.2	22	+30.9	45
+84.9	23	+47.0	46
13+00.5	24	+63.8	47
+16.4	25	+79.3	48
+31.9	26	+95.4	49
+47.9	27	17+11.1	50
+63.6	28	+26.7	51
+79.2	29	+42.6	52
+95.0	30	+58.0	53
+11.2	31	+74.0	54
+26.6	32	+89.9	55
+42.6	33	18+05.8	56
+58.0	34	+21.6	57
+74.0	35	+37.3	58
+90.0	36	+53.1	59
15+05.3	37	+68.8	60
+21.2	38	+84.5	61
+36.7	39	19+00.3	62
+52.3	40	+16.0	63
+68.1	41	+31.8	64
+83.4	42	+48.4	65
+99.4	43	19+62.9	66

~~V19+46.7 B.C.~~
T.

19+79.2	#67
+95.0	68
20+08.6	69
20+24.9	70
20+40.2	71
+56.1	72
20+71.7	73
+87.5	74
21+03.8	75
+18.8	76
+34.2	77
+48.3	78
+63.3	79
21+64.1	EAST BANK HD.

720+66.7 66 S°

720+84.7 S° 36' 66

LEVELS ON THIS
TREE STE ON
FOLLOWING PAGES

TRESTLE

assumed 100. ELEV.
bench small nails
on bolt'hd pile on left.

STA.	+	−	ELEV.	LEFT	TOP ELEV
B.M.	5.06	105.06			
#1				4.32	100.74
#2				4.41	100.65
#3				4.49	100.57
#4				4.47	100.59
#5				4.44	100.62
#6				4.46	100.60
#7				4.47	100.59
#8				4.50	100.56
#9		TOP TIE		4.50	100.56
#10				4.55	100.51
#11		4.85	100.21	4.51	100.55
12		4.81	100.25	4.48	100.58
13		4.81	100.25	4.48	100.58
14		4.74	100.32	4.46	100.60
15				4.47	100.59
16		4.80	100.26	4.47	100.59
17		4.82	100.24	4.48	100.58
18				4.49	100.57
19				4.50	100.56
20		4.84	100.22	4.50	100.56
21				4.48	100.58
22				4.48	100.58

Plotted 6/10/16. (14)

Fee H-606

62 H.

GUERNEVILLE BRANCH

Note: * shows caps have shims under stringers.
" ** shows caps have been cut into for stringers.

RAIL		TOP CAP			
Rt.	Elev.	Lt.	Elev.	Ct. & Elev.	
4.38	100.68	6.55	98.51	6.61	98.45
4.42	100.64	6.54	98.52	6.58	98.48
4.49	100.57	6.67	98.39	6.67	98.39
4.47	100.59	6.65	98.41	6.65	98.41
4.44	100.62	6.60	98.46	6.60	98.46
4.46	100.60	6.63	98.43	6.62	98.44
4.48	100.58	6.64	98.42	6.64	98.42
4.50	100.56	6.68	98.38	6.69	98.37
4.50	100.56	6.70	98.36	6.70	98.36
4.53	100.53	6.70	98.36	6.71	98.35
4.51	100.55	6.67	98.39	6.67	98.39
4.47	100.59	6.63	98.43	6.64	98.42
4.47	100.59	6.64	98.42	6.64	98.42
4.47	100.59	6.63	98.43	6.64	98.42
4.47	100.59	6.63	98.43	6.65	98.41
4.47	100.59	6.64	98.42	6.65	98.41
4.48	100.58	6.65	98.41	6.66	98.40
4.49	100.57	6.66	98.40	6.67	98.39
4.50	100.56	6.68	98.38	6.68	98.38
4.50	100.56	6.68	98.38	6.67	98.39
4.49	100.57	6.67	98.39	6.66	98.40
4.50	100.56	6.66	98.40	6.66	98.40

STA.	+	−	H.I.	TOP TIE	ELEV	LEFT	TOP ELEV.
			105.06				
#23				4.83	100.23	4.49	100.57
24						4.48	100.58
25						4.46	100.60
26				4.80	100.26	4.47	100.59
27						4.48	100.58
T.P.		4.23	ELEV 100.82				
	4.32						
28			H.I. 105.14			4.54	100.61
29				4.91	100.24	4.56	100.59
30						4.56	100.59
31						4.62	100.53
32				4.95	100.20	4.60	100.55
33						4.60	100.55
34						4.61	100.54
35				4.99	100.16	4.64	100.51
36						4.67	100.48
37						4.69	100.46
38				5.04	100.11	4.71	100.44
39						4.67	100.48
40				5.01	100.14	4.67	100.48
41						4.67	100.48

RAIL

	RIGHT	LEFT.	Ft.	FEET	TOP CAR & LEFT.		Ft.	FEET
7	4.49	100.57	6.66	98.40			6.66	98.40
8	4.50	100.56	6.65	98.41			6.65	98.41
0	4.47	100.59	6.63	98.43			6.64	98.42
9	4.47	100.59	6.65	98.41			6.63	98.43
8	4.48	100.58	6.65	98.41			6.66	98.40
1	4.59	100.56	6.71	98.44			6.71	98.40
9	4.60	100.55	6.73	98.42			6.76	98.39
9	4.60	100.55	6.71	98.44		Thirty	6.83 6.76	98.32 98.39
3	4.63	100.52	6.805	98.35	6.85*	98.30	6.80	98.35
5	4.62	100.53	6.775	98.38	6.85*	98.30	6.805	98.35
5	4.61	100.54	6.785	98.37	6.89*	98.26	6.795	98.36
4	4.62	100.53	6.78	98.37	6.90*	98.25	6.80	98.35
1	4.65	100.50	6.82	98.33	6.95*	98.20	6.83	98.32
8	4.67	100.48	6.84	98.31	6.97*	98.18	6.84	98.31
6	4.69	100.46	6.86	98.29	7.15*	98.00	6.98	98.16
4	4.71	100.44	6.88	98.27	7.09*	98.06	6.88	98.26
8	4.69	100.46	6.84	98.31	6.99*	98.16	6.86	98.29
8	4.66	100.49	6.85	98.30	6.99*	98.16	6.84	98.31
8	4.67	100.48	6.86	98.29	6.96*	98.19	6.83	98.32

STA.	+	−	TOP TIE	ELEV.	LEFT	TOP ELEV.
		105.15				
#42					4.66	100.49
43					4.63	100.52
44			4.91	100.24	4.60	100.55
45					4.55	100.60
46					4.56	100.59
47			4.88	100.27	4.54	100.61
48					4.55	100.60
49					4.50	100.65
50			4.86	100.29	4.54	100.61
51					4.54	100.61
52					4.52	100.63
53			4.84	100.31	4.50	100.65
T.P.	4.28	ELEV 100.87				
	4.76	105.52				
#54					4.87	100.65
17+78	Surface bot. rail				4.85	100.67
55					4.85	100.67
56			5.19	100.33	4.86	100.66
57					4.85	100.67
58					4.81	100.71
59			5.14	100.38	4.80	100.72

TOP CAP.

RAIL TOP ELEV.		LT.	ELEV.	℄	ELEV.	RT.	ELEV.
4.64	100.51	6.82	98.33	6.88	*98.27	6.82	98.33
4.63	100.52	6.80	98.35	7.00	*98.15	6.82	98.33
4.58	100.57	6.77	98.38	6.73	98.42	6.77	98.38
4.55	100.60	6.70	98.45	6.56	98.50	6.71	98.44
4.54	100.61	6.71	98.44	6.68	98.41	6.72	98.43
4.55	100.60	6.71	98.44	6.69	98.46	6.71	98.44
4.53	100.62	6.70	98.45	6.70	98.45	6.70	98.45
4.50	100.65	6.68	98.47	6.65	98.50	6.62	98.53
4.53	100.62	6.71	98.44	6.70	98.45	6.71	98.44
4.55	100.60	6.73	98.42	6.70	98.45	6.75	98.40
4.50	100.65	6.70	98.45	6.64	98.51	6.67	98.48
4.50	100.65	6.70	98.45	6.66	98.49	6.68	98.47
4.88	100.64	7.06	98.46	7.01	98.51	7.06	98.46
4.88	100.64	7.04	98.48	7.00	98.52	7.05	98.47
4.85	100.67	7.04	98.48	7.02	98.50	7.02	98.50
4.82	100.70	7.00	98.52	6.99	98.53	6.98	98.54
4.81	100.71	6.99	98.53	6.96	98.56	6.97	98.55
4.79	100.73	6.96	98.56			6.96	98.56

STA.	+	±	TOP TIE	ELEV	LEFT	TOP ELEV
		100.52				
60					4.79	100.73
61					4.79	100.73
62			5.09	100.43	4.75	100.77
63					4.73	100.79
64					4.69	100.83
65			5.03	100.49	4.69	100.83
66					4.69	100.83
67			5.06	100.46	4.70	100.82
68					4.69	100.83
69					4.65	100.87
70			5.02	100.50	4.62	100.90
71					4.57	100.95
72					4.54	100.98
73					4.50	101.02
74					4.53	100.99
75			4.92	100.62	4.50	101.02
76			"		4.49	101.03
77					4.48	101.04
78					4.50	101.02
79			4.93	100.59	4.55	100.97
8.11	4.99	ELEV 100.53		small pipe	5 in pvc	HD

RAIL Right.	ELEV.	Lt.	ELEV.	TOP CAP ℄	ELEV.	Rt.	ELEV.
4.88	100.72	6.95	98.57	6.93	98.59	6.93	98.59
4.76	100.76	6.93	98.59	6.92	98.60	6.92	98.60
4.75	100.77	6.90	98.62	6.88	98.64	6.90	98.62
4.72	100.80	6.88	98.64	6.86	98.66	6.88	98.64
4.69	100.83	6.84	98.68	6.80	98.72	6.86	98.66
4.68	100.84	6.85	98.67	6.78	98.74	6.84	98.68
4.69	100.83	6.87	98.65	6.83	98.69	6.88	98.64
4.71	100.81	6.87	98.65	6.85	98.67	6.88	98.64
4.71	100.81	6.85	98.67	6.86	98.66	6.88	98.64
4.72	100.80	6.82	98.70	6.85	98.67	6.89	98.63
4.76	100.76	6.85	98.67	6.88	98.64	6.95	98.56
4.78	100.74	6.72 = 98.80 / 6.71 = Shim = 0.1		6.90	98.62	6.93	98.59
4.82	100.70	6.73	6.66 = 98.86 - 0.7 Shim			6.96	98.56
4.82	100.70	6.69	98.83			6.91	98.61
4.84	100.68	6.71 / 6.64 = 98.88 / .06 Shim				6.91	98.61
4.82	100.70	6.63	98.89			6.90	98.62
4.80	100.72	6.65	98.87			6.87	98.65
4.78	100.74	6.64 C.D.	98.88	6.68		6.85	98.67
4.75	100.77	6.65	98.87			6.87	98.65
4.75	100.77	6.66	98.86	6.75		6.90	98.62

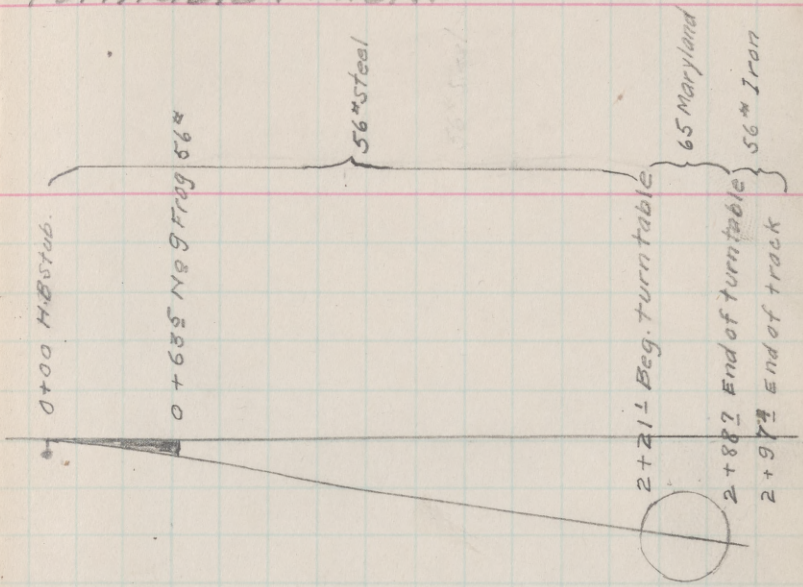
CLOVERDALE

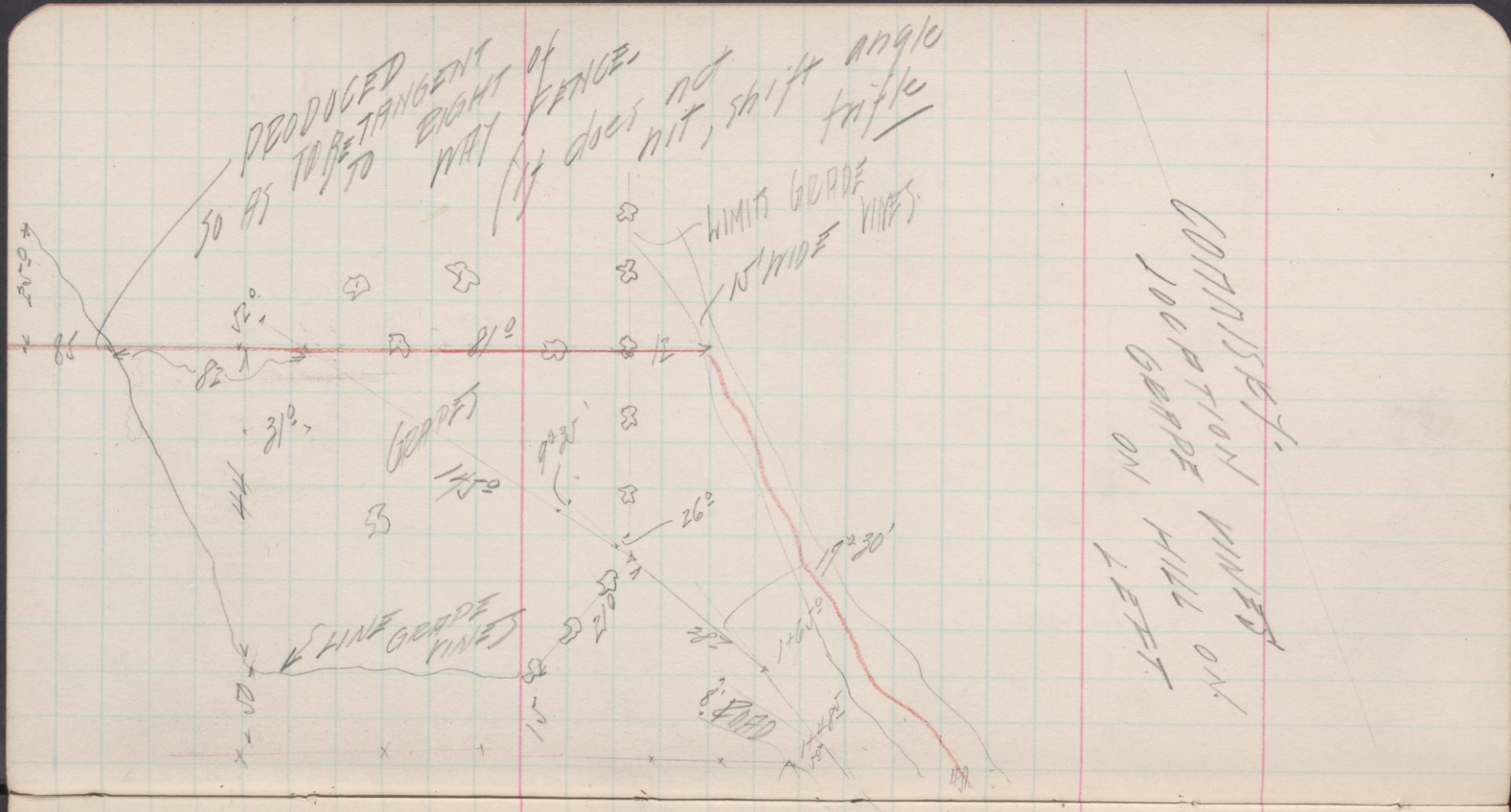
G.L.B.

Steel check in

July 1916 (18)

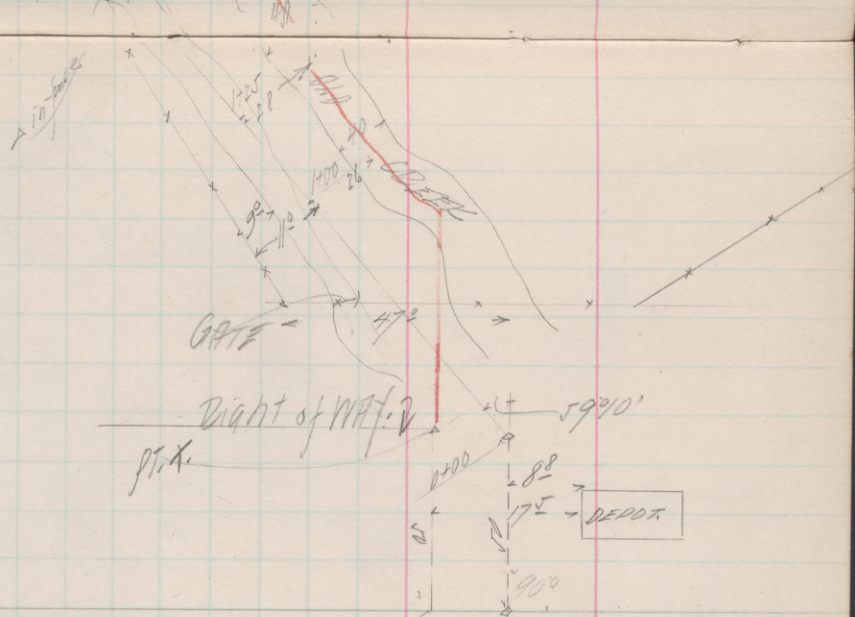
turntable track.




PRODUCED
SO AS TO BE TANGENT
TO RIGHT OF
WAY FENCE.
It does not
hit, shift angle
triple
LIMIT GRADE
15/100 VINES.
GRADES
LINE GRADE
VINES
CONNECTION VINES
LOCATION GRADE
ON MAIN
LEFT

Slotted
7/24/16.
H-578

10 S.F.



2

IGNACIO

LOCATION MAIL CRANE

Mch 25 1916.

MAIL CRANE

Dotted 1/26/16

Tee H-9

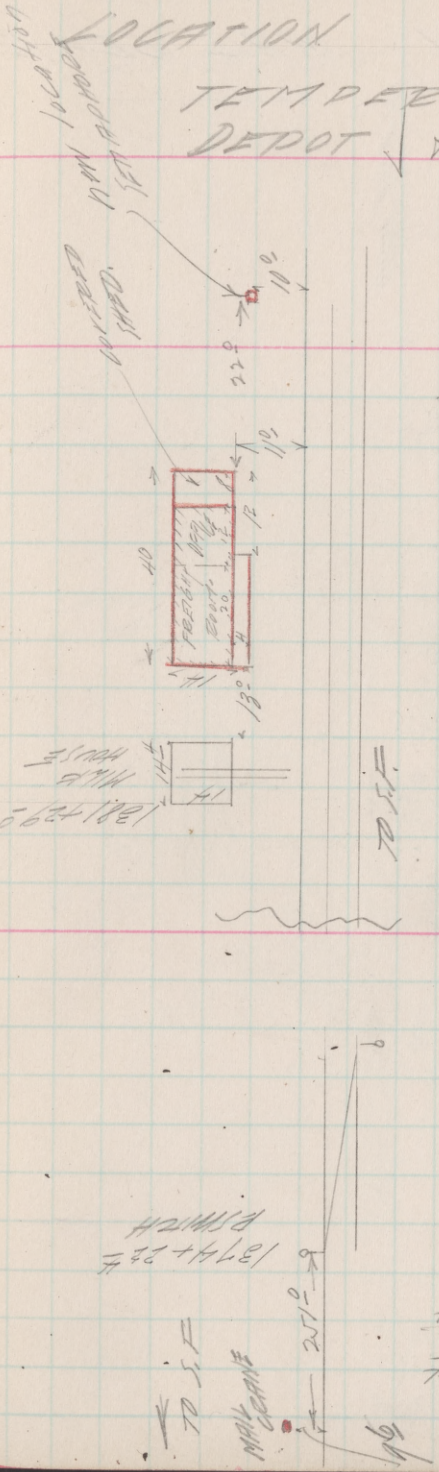
CEO. 7TH

NOVATO -

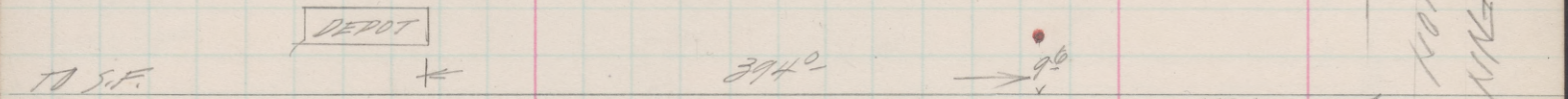
LOCATION

TEMPERARY DEPOT + MAIL CRANE

JULY-25-1916



Plotted 7/26/16
Fee N-56

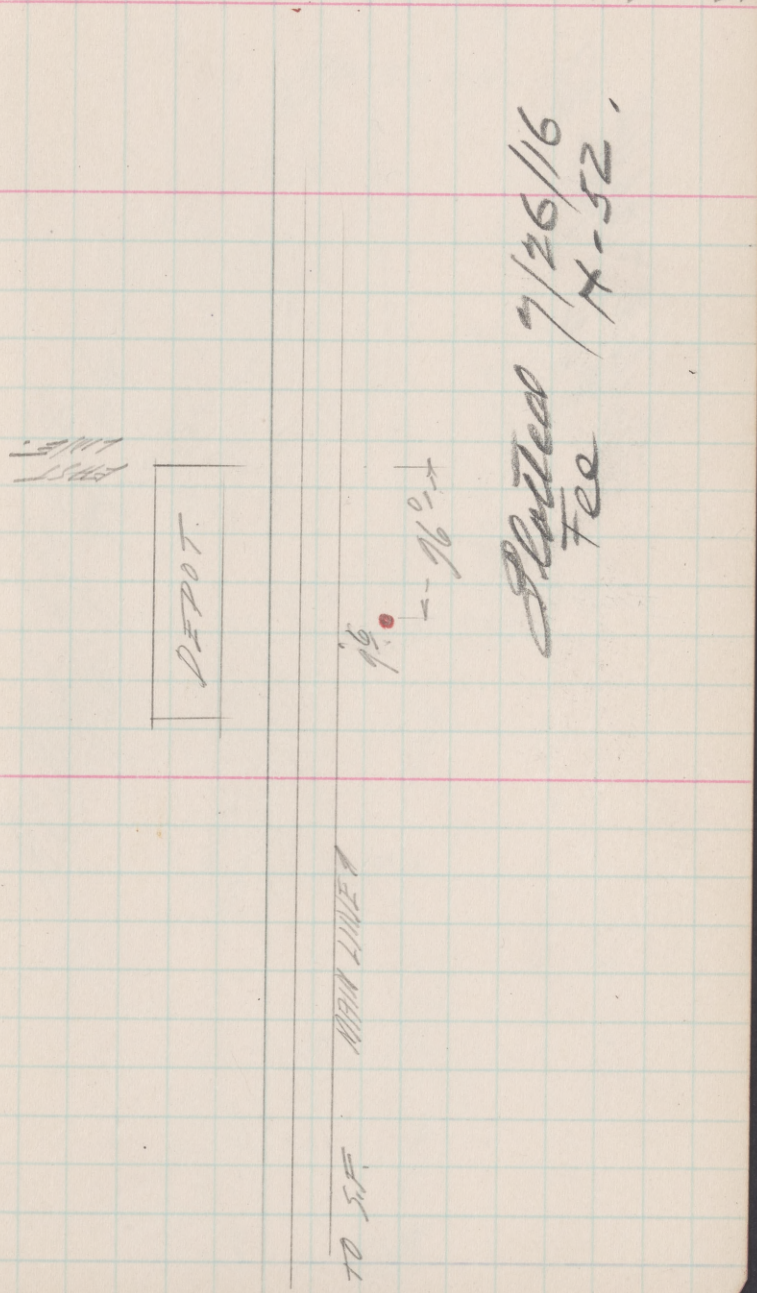


PENN
LOCATION
GOULD
MAIN CROSS

CATALOG

LOCATION MAIL CRANE

JULY-1916.



25

Mc 20-4916

FULTON

LOCATION MAIL CRANE

Rolled 7/26/14
Tac 1-N-28.

BM.
2928 +8+I

N 79° 08' 30" W
1909.5

Main Canal

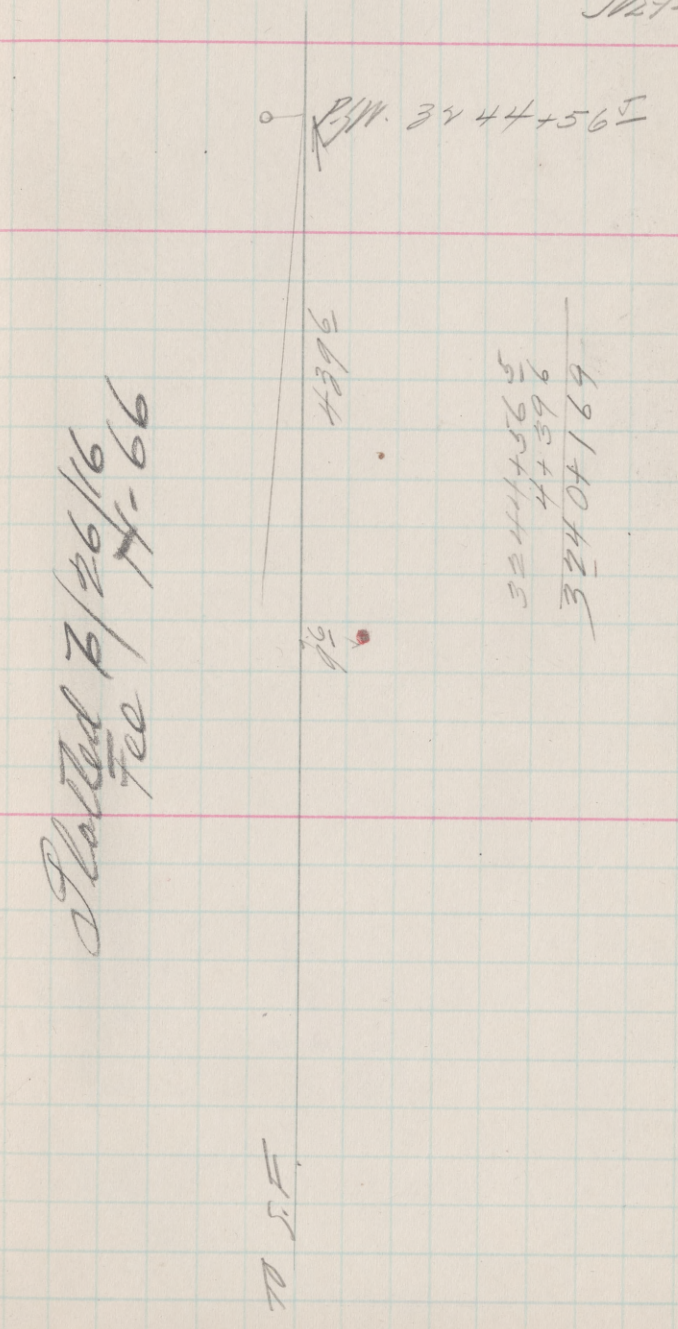
N 20° E

Mc

WINDSOR

LOCATION MAIL CRANE

JULY - 1916.



27

LYTTON-

LOCATION MAIL CRANE

JULY-25-1916.

Started
7/26/16.
Tde.
1-54

3712+94.4 RSM.

3710+49.4 E

3707.5

2+82

4

4

4

NEW-
MOBERLY DATA-

SILVERDALE

LEFT. DERAIL

160 ft EAST
of WEST
SWITCH-

CAZADERO- TOOK UP
76' TRACK feet 40#
STEEL from end of REAR
TRACK THAT WENT
DOWN INTO
CREEK

29 NEW YORK

— DAILY —

BRIDGE
76 Q-

DUNCAN MILLS.

from EAST END.

new frame bents.

pile- 5. 1st. span
" " 2nd. "
" " 3rd. "
" "

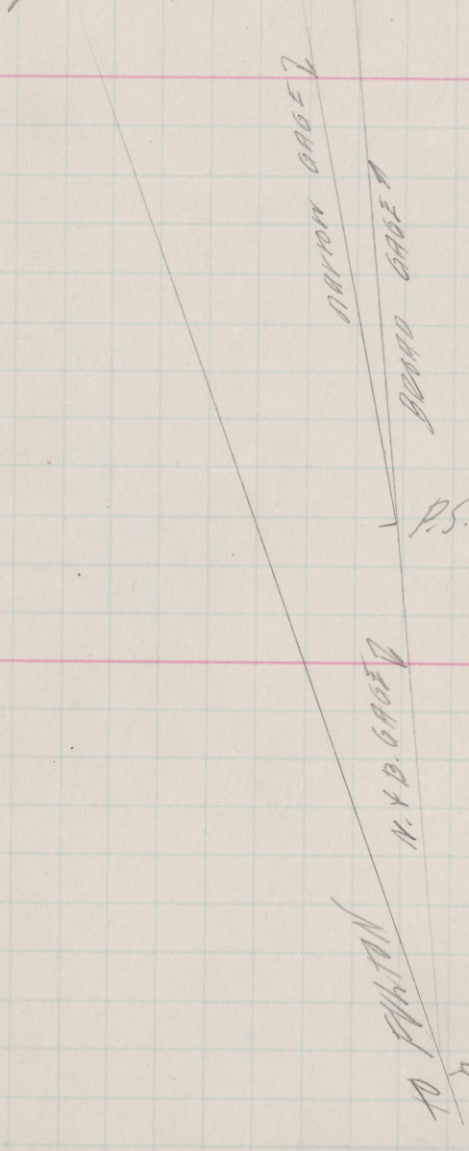
one under each floor beam. 17 centers

— MOSCOW —

7+00 END.

May 24. 1916.

FOUR TRACKS.



3

B & T.

SAN ANTONIO &c

PROFILE OF TOP of TIE MAIN LINE.

STA.	±	H.I.	Rod.	ELEV. assumed.	
B.M.	2.29				Tel. Post. opp. 1698+96
95+50			6.74		
96+00			6.63		
96+50			6.60		
97+25					Tel. Pole out 10.5
97+50			6.65		
98+50			6.63		
98+96					Tel. Pole out 13.5
99+25			6.61		
99+75			6.60		
1700+50			6.67		
1700+82					out 19.1 pole
1+00			6.78		
1+50			6.84		
T.P.	6.66				
	7.4				

JULY. 31. 1916.

32

HAY STACK

PROPOSED SIDING -

+ - SECTIONS ON LEFT.

TAKEN WITH Y - LEVEL

7.2 6.3 4.9 5.9 9.1 8.2 ℄
35' 26 21 16.5 11.5 8.5
fence

7.1 6.3 4.5 4.5 6.2 8.7 8.1
34.5 31.5 25.5 20 15.5 11 7
fence

6.8 5.9 5.2 5.9 8.5 8.1
35 24 20 16 11 7.5

6.1 5.0 8.3 7.7
35 19 11 8

5.9 4.6 5.5 8.1 7.6
35.5 19 14.5 11 8

6.0 4.2 2.7 3.0 4.9 7.9 7.7
36. 28.5 22.5 19 14.5 10.5 8
+

5.9 5.2 4.0 5.3 8.1 7.4
36.5 32 20 14.5 10 7.5

6.2
36 5.7 5.1 8.4 7.5
+ 25 14.5 10 8

7.4 6.3 4.0 4.2 8.2 7.6
35.5 27 18 15.2 10.5 8

9.2 7.9 5.4 5.5 8.3 7.6
35.5 25 17 14 10 8

STA	± H.I.	ELEV.	Rod.
1+90			2.65
~~2+00~~			
2+00			3.62

Hand car turn out on Left. 2+04 2+19.

2+50			2.67
3+00			2.81

out 14.5
pole 2+61

4+00			3.30
4+42			pole out 11°
4+50			3.69
5+00			3.83
6+00			4.05

6+21° pole out 10.3

55 44 1.1 2.2 44 3.6
35 f 29 18 14 10 25

6.2 5.9 48 45 38
35 30 19 11 8.5

19' wide
level. to the.

7.2 6.8 3.7 3.7
35.5 f. 23 14 8.5

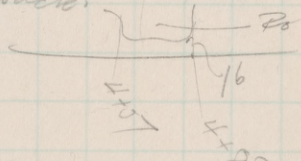
3+00

7.4 6.8 4.0 4.0
35.5 f 16 9 8

7.8 7.8 4.5 4.5
36 f 17 9 8

7.5 7.2 4.6 4.6
36 17 10 8

Dough hits. with tracks.



7.3 7.4 4.6 4.6
36 f 15 10 8.

7.5 7.3 4.8 4.9
36 16 9.5 7.5

35

Sta.	+	−	Elev.	Rod
7+00				4.07
8+00				3.96
7+86.				M.P. pole out. 10.3
T.P.		3.91		
		4.34		
9+50				4.25
9+67				pole.
11+00				3.95
11+43				pole
12+00				3.8
13+00				3.75
13+50				3.83
14+68 pole				C.M. wt. 10.3
14+90				3.9

11+50 - bad
3.85

7.5 7.5 5.0 5.0
36 16 x9.5 7.5

7.5 7.7 5.0 5.0
36 15.5 10 8

7.3 7.5 5.0 4.9
36f. 14 10 7.5

8.0 7.8 5.3 5.3
36 16 10 8

7.5 7.5 5.0 4.9
36f. 17.5 11 8

11+70 Slow
12+50

9.0 8.5 4.7 4.7
44.0 18.5 12 8.0

Rod 3.0'
Peak marked 3' above rod.

8.1 4.9 4.9
16 12 8.5

7.7 7.8 4.9 4.9
36f. 18 11.5 8.0

7.8 7.8 5.0 5.0
36 16 11 7.5

Sta 13 + 22.

1714+50 fence 35' out on Rt
36 Rt on Lt curve
from - 35' out - 1699.
out 35 on Rt Lt
west CGD-336-
36 on Lt.
35 on Rt.
at. east line 33B- tracks

Cad. 337

3/6 E. S. Q. no fence west 33 B.

EWD

Crown

Top rail - 40D. 2·36" pipe. +2.28

0+00 = INT. ℄ +n.E. & DITCH.

0+12 S	Bot. PIPE	8.3
0+18		8.5
36 S		7.7
0+52 S		edge bridge 7.3
0+67 S		"
top bridge		3.85
bot. string		S-1
0+70 S		8.3
84 S		8.6
1+00		8.2
2+00		8.0
3+00		8.4

Levels on Ditch

X-SEC.
AT PIPES.

Lt. ℄ Rt

8.1 7.3 6.5 5.2
2.5 15.5 18 20'
14.0

Lt. ℄ Rt

5.3 5.3 7.1 7.3 5.6 5.6
16 8 5 7 11 19

Br. 13+15. - 13' span.

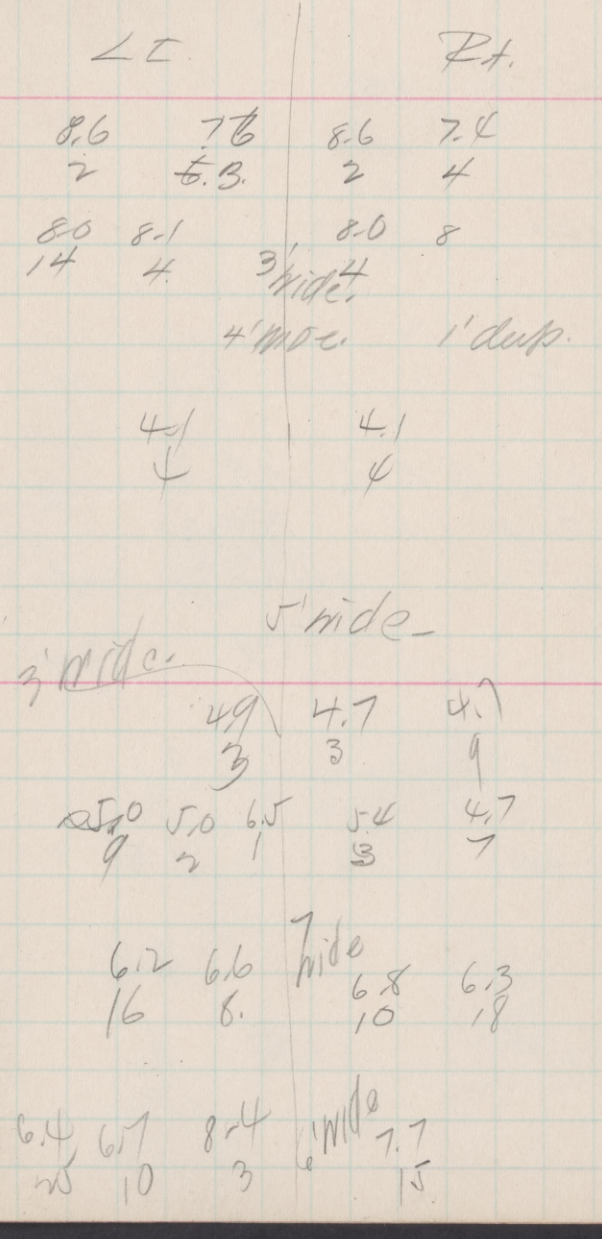
5.6 5.9 7.8 | 7.7 6.3 5.8 5.6
14 6. 3 | 3 4 7 14

5.1 5.4 8.0 | 8.0 5.8 6.0
13 5 3. | 3 8 14

7.0 7.0 8.4 | 8.4 7.1 7.1
14 4 2 | 2 4 14

41

		E
4+00		8.6
5+00		8.7
6+00		8.9
T.P.	7.53	~~11.7~~
	3.37	
7+00		4.7
8+00		5.0
9+00		5.7
10+00		6.5
10+92	△	7.5
12		8.0
13		8.7
14		8.9


Lt.
Rt.
8.6 7.6 8.6 7.4
2 6.3 2 4
8.0 8.1 8.0 8
14 4 3' wide 4
4' wide 1' deep
4.1 4.1
5' wide
3' wide
4.9 4.7 4.1
3 3 9
5.0 5.0 6.5 5.4 4.7
9 2 1 3 1
6.2 6.6 wide 6.8 6.3
16 8. 10 18
6.4 6.1 8.4 wide 7.7
20 10 3 15

43

15+00 9.3

16+00 10.0

17+00 10.1

18+06 C.P. & S.F. R.R.
T. Rail. T.P. 3.32
top Cap. below top rail. = 2.3
under. tracks 7.4 Road-8.3

19+00 9.1

20+00 9.5

21 9.9

22 11.

7.5	8.7		9.3	7.3
20	4		3	15

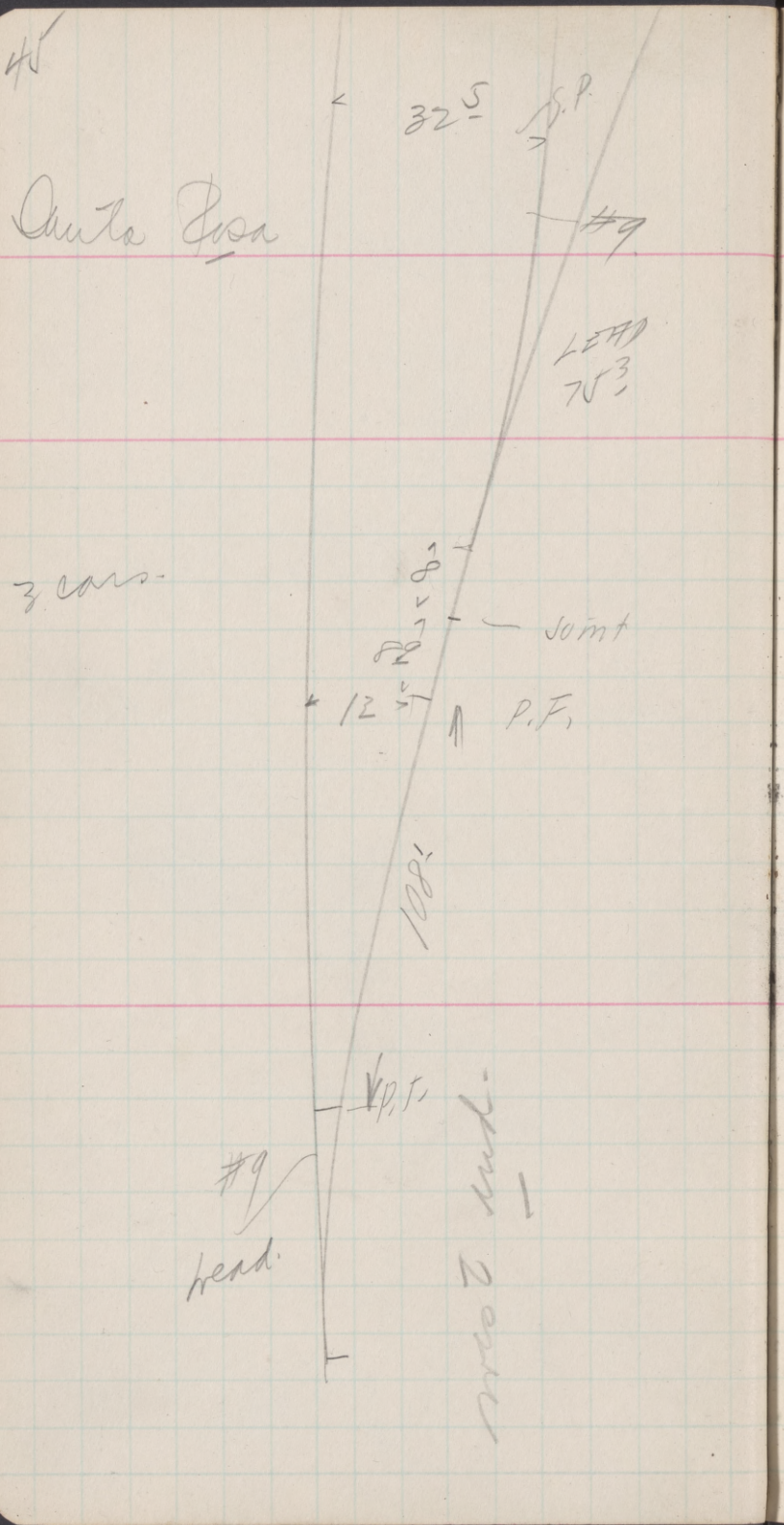
7.3	8.4		7.8
15	7		15

6.8	9.4		9.7	6.8
30	15		4	19

level	4.8	8.5	8.7	9.5	7.1	6.5 level
	40	10	4	3	11	23

Triloc.

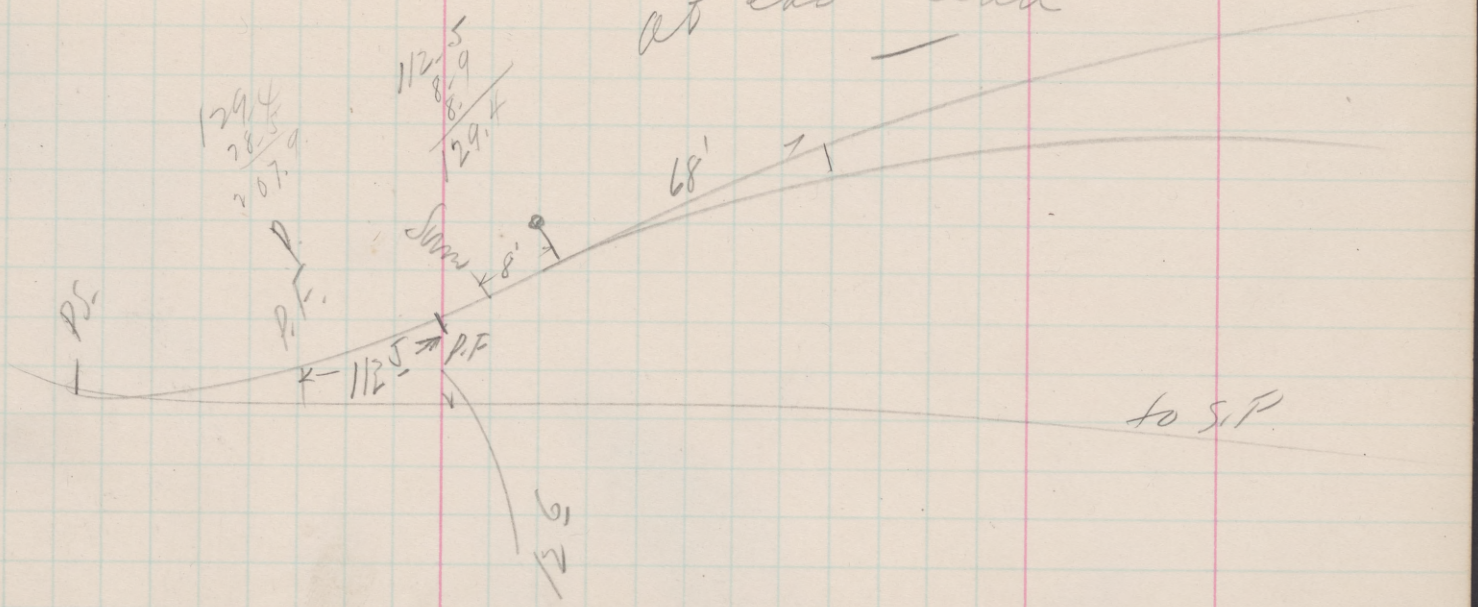
45


32 5
S.P.
#9
LEAD
75 3
3 cars.
8
7
82
joint
12
P.F.
108
K.P.
#9
lead.
cross 2 mud.

99+26. 0 accus.

opp dis 2 = ¢ sick.

7800.	0	-1.7	-1.0	-0.7
	7.5	13	16	28
1+00	0	-3.0	-2.5	-0.7
	6.5	13	21.	24 ed. S.P.F.
2+00	0	-1.7	-3.0	-3.0	-0.7
	10	13	18	20	23 SP. S.Op.
3	0	2.8.	2.8		-0.7 ed.
	9	15	20 too		24 SP. S.G.
4		Same			
5	0	-2.5	-2.5	-0.7
	12.	16	19	24.
6	-1.8	0	-1.8	-0.7
	18	8	20	23
7	-0.7			
	-0.7	-2.5	-2.5	-0.7
		13	15	18 S.G.
8	-0.7			


at east end
112.5
8.9
8.
129.4
28.5
207.
68'
Sum
8'
P.S.
P.I.
P.F.
112.5
to S.P
61
137

√2

54

CHECK EXISTING IGNACIO.

Plotted by W.J.H.
Aug. 1916

LOCATION

EAST END. East + over Ignacio

TREST. 26 A. - 75' EAST OF EAST LINE

STA. 1337+37

1351+64

EAST SWITCH NO 1 AND.
WEST LINE 28 E CGD ?
28 D. & 28 E CGDS
29 E & F - CGDS ? ✓
WEST LINE 30 B. CGDS
30 A. & 30 B. BET. EAST LINE
30 A & W. LINE 30 B. 41' apart
1830' EAST of 30 G CULVERT ?
2130' EAST of CULV. 30 G - 3'x38'
140' WEST of WEST SWITCH BUDD
AT EAST + - OVER SWITCH
1620 EAST OF EAST SWITCH "

EAST LINE TRESTLE 32 A

MAY-31-196.

JL

RIGHT OF WAY fences TO PETALUMA CREEK.

NOTES. TAKEN BY G.L. BERRY + F.W. KINDRED

	DISTANCE	OUT
		Rt.
1211+64 ℄	25'	33.5'
1289+62 ℄	25'	25'
	25	27.5
	26	24'
1397+90 ℄	25'	25'
1418+32 ℄	24.5	25'
1470+03 ℄	25'	24.5
1499+29 ℄	25'	25'
1559+24	25'	25'
1562+24	18.5	25'
℄ 1567+40 ℄		28 } LOG IN FENCE
		40 }
1570+65 ℄		40
1602+55	40 fence ends.	40
1633+45 ℄	fence begins on Rt. out. 38	

17

-MARSH-

482 EAST OF WEST LINE TREST. 32 F
B.C. 1st. CURVE WEST SAN ANTONIO
FENCE END ON RT. ft 33 F+B
EAST LINE TREST. 33 B.
NO FENCE BET. TRESTLE
WEST " C&D 33 C
1715.
1729 +10.
720' WEST FLOOD GATE 2 x 2 34 B. BOX ?
420 " " " "
EAST LINE C&D 34 C } 30' APART
WEST " " 34 D }
EAST " " 35 B-
420' EAST C&D 35 C

WEST LINE TREST. 35 D
EAST " "
TRESTLE 35 E WEST LINE
" " EAST "
150' WEST OF WEST LINE 35 F
C&D 35 G
C&D 35 F

- Lt.		℄	Rt.
BEGIN FENCE.	39°		1637+95
	39	38°	1642+68
1571+95		EAST SAN ANTONIO	
1583+06	36'	36'	1683+06
	36	35	1692+88°
	36	35	
	37	35.5	END FENCE ON Rt.
END FENCE	38		
BEGIN FENCE	37	BOTH SIDES	1737+08°
	39	36	1740+08°
	39	36	1749+12
		37	1749+51
1764+75	25	24	
1769+34		24	
		74	} 306.
	25'	74' marsh	1776+19
	25	25'	1776+32
	25	25'	1790+26
	50	17°	1790+74
		17°	1802+59
1804+48	49.5	28°	} 309
1804+09		49	

42' WEST of
WEST LINE
TRESTLE 36A
EAST LINE 36A
CROSS 36B. & C.
60' EAST CRD 36B.
110 " " "
120' WEST of WEST SWITCH
HAYSTACK

CRD 36D.
WEST. SWITCH-HAYSTACK
EAST T-over SWITCH "
420 EAST of EAST T-over SWITCH
DT. SWITCH 42 WEST SIDE
EAST LINE ROCK BINS.

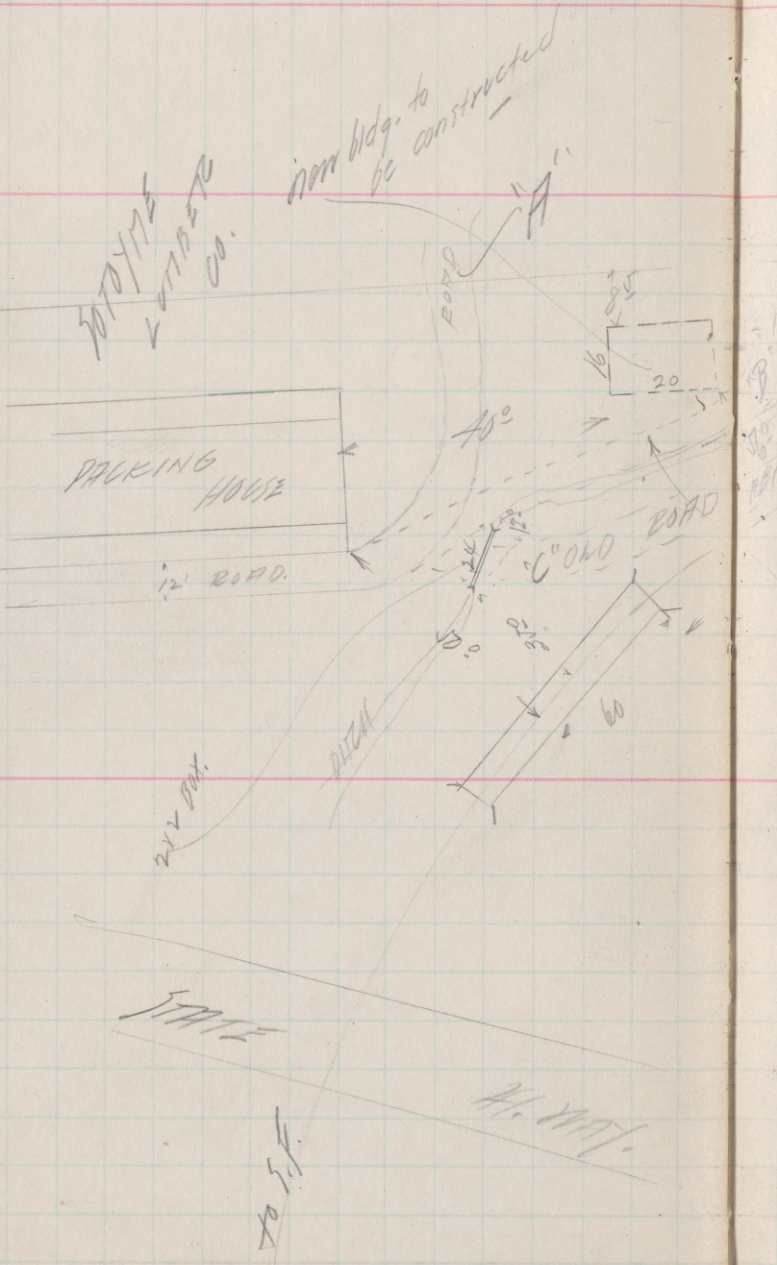
	Lt.	℄	Rt.	
1815+75.3	49.5		49.5	
1816+22.3	25'		25'	
1836+64	25'		25'	
1837+24	12'		3/	END fence on RIGHT
1837+74	38.0			
1840+80.8	21.5			
	END fence on left			
1841+48.0	FENCE BEGINS		BOTH SIDES.	
	24		25	
1842+00.8	24		25	
1859+55.5	24		26	
1863+75.5	22.5		29.8	
1871+73.9	10'		40'	CENTER-IN FENCE.
1867+23.6	10'		40	

Plotted by W.J.T.
Aug. 1916.

END

59

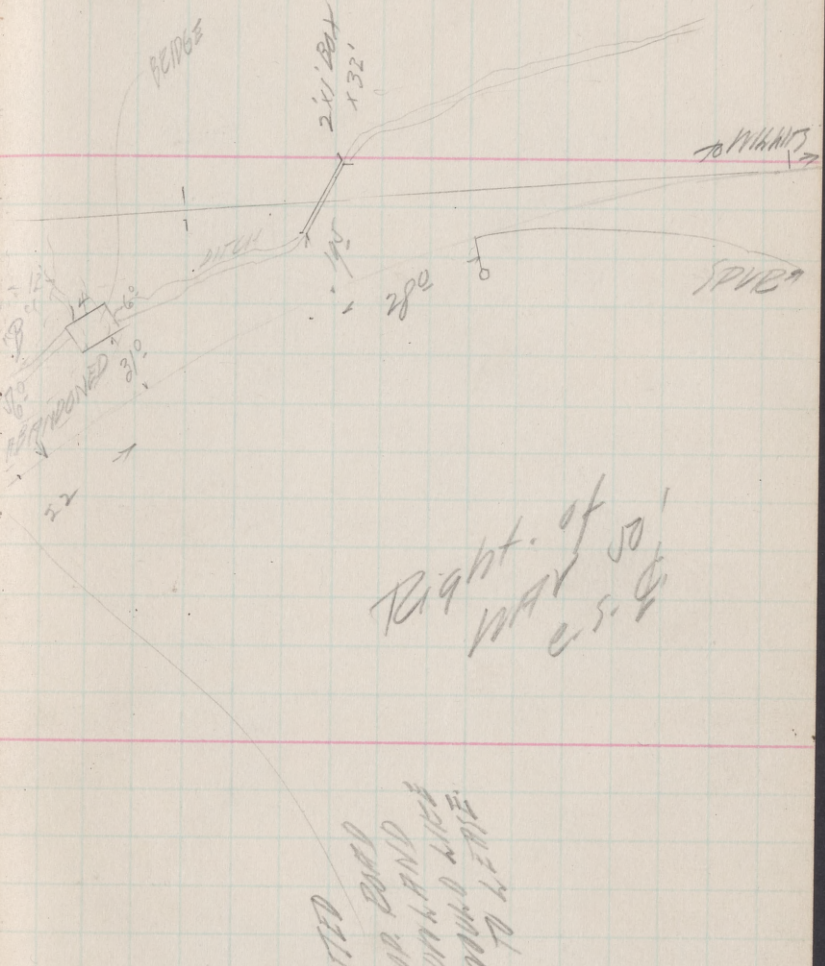
HEALDSBURG-



AUG. 2-1916

60

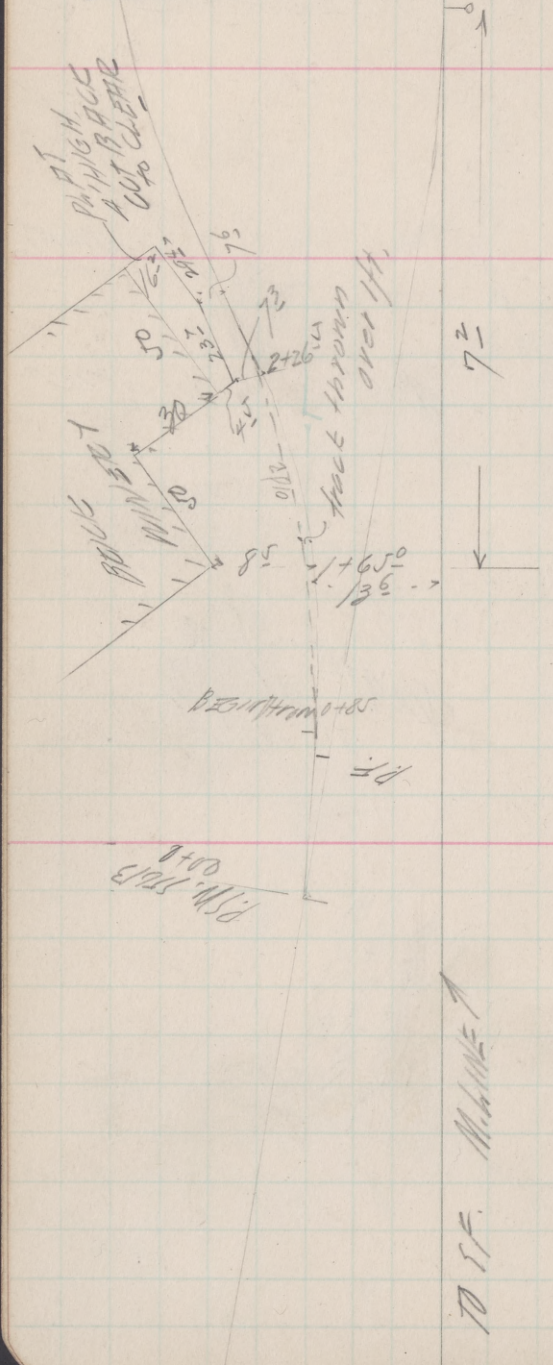
SHOWING CONDITIONS AT SOTOYOME LUMBER CO.

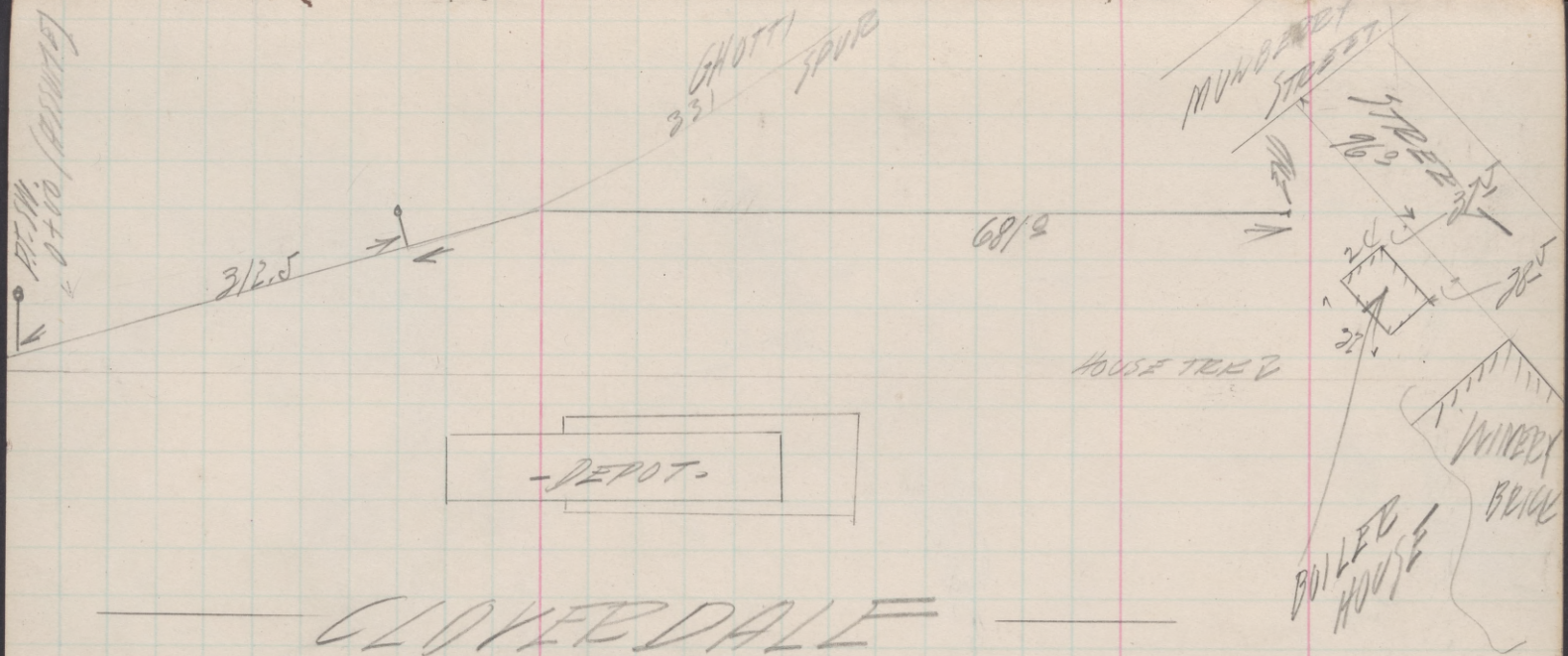


CLOVERDALE

TRACK THROWN TO CLEARANCE AND BLKR. CUT BACK

AUG. 3-1916

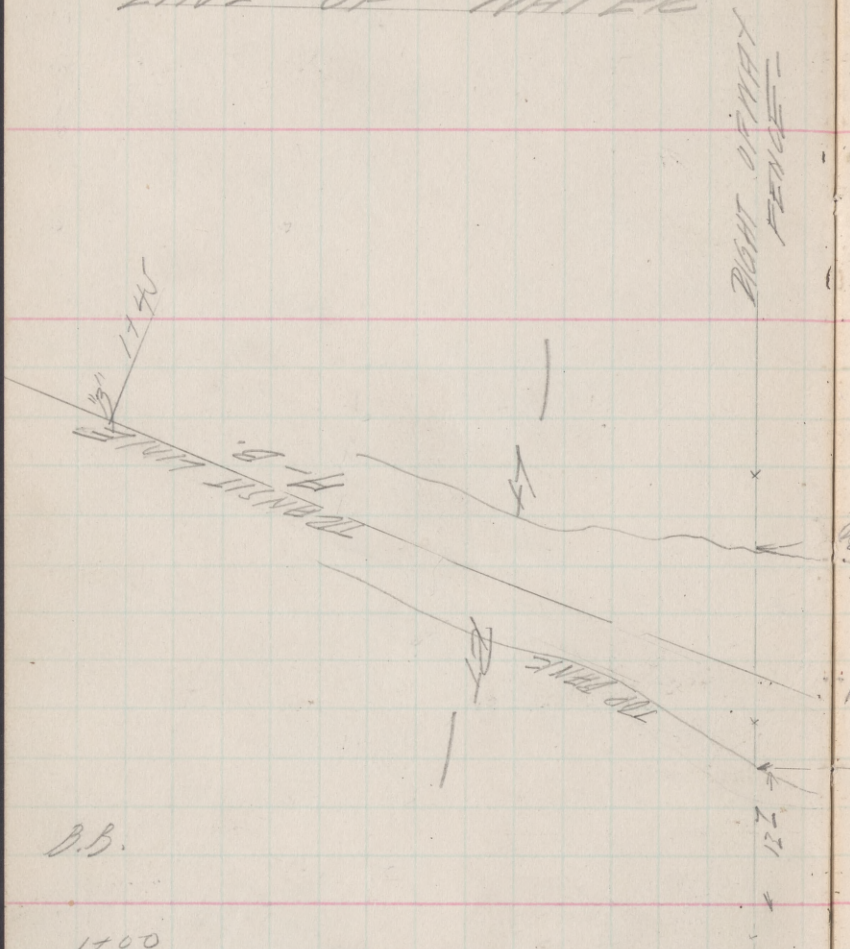



GHOTTI SPUR
331
MUNGER STREET
STREET
163
68/2
3/2.5
HOUSE TRACK
DEPOT
WINERY BLDG
BOILER HOUSE
CLOVERDALE
LOCATION. BOILER HOUSE.
+ CHECK SPUR LENGTH.
AUG. 3-1916.

67

MILE & 1/2 EAST

LINE OF WATER



B.B.

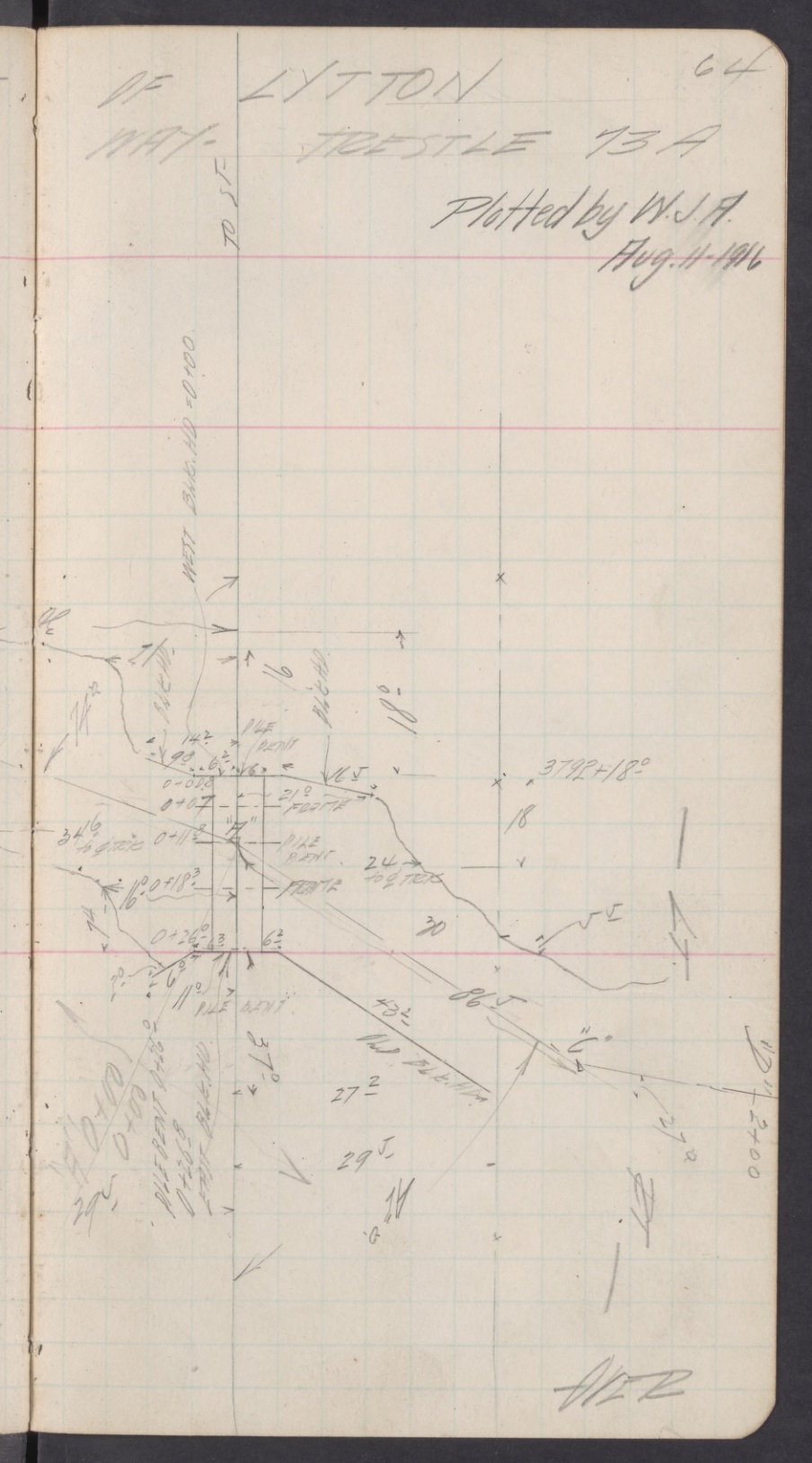
1+00
1+23
1+50
1+58
1+97

OF LYTTON

NAT. TRESTLE 73A

Plotted by W.J.A.

Aug. 11-1916



65 CROSS-SECTIONS- 8c
TIES TO BANK BOTH SIDES
FROM TRANSIT LINE A-C-D
0+00 = PT. A.

LT.	℄	RT.
	0+50	
0+50	+5.1 +0.2 0 -1.2 -1.7 -0.9 -0.5 +3.5 20 top bank 12 0 3 7 10 center channel 14.5 15 Bk. HO.	
	0+86.5	
level +5.5 +0.8 +0.7 0 -0.2 -1.2 -2.0 +5.2 20 top bank 15 toe 9 0 7.5 11 15 toe 17 top bank		
	1+25	
level top bank 0 toe 0 toe top bank 25? 20.5 0 11 20.5		
	1+58	
+4.8 -2.0 -1.5 0 toe top bank +4.5 31 27 27' 0 0 √ top bank toe Channel		
	1+97	
top bank 0 toe 0 toe top bank 19.5 14.5 3' 8.5		
	2+00	
+2.0 +1.3 0 0 -0.3 +6.6 top bk. 19 top bk 12 toe 7 0 4' toe 9.5		

LINE- A-B- "A"
0+00 = PT "A"

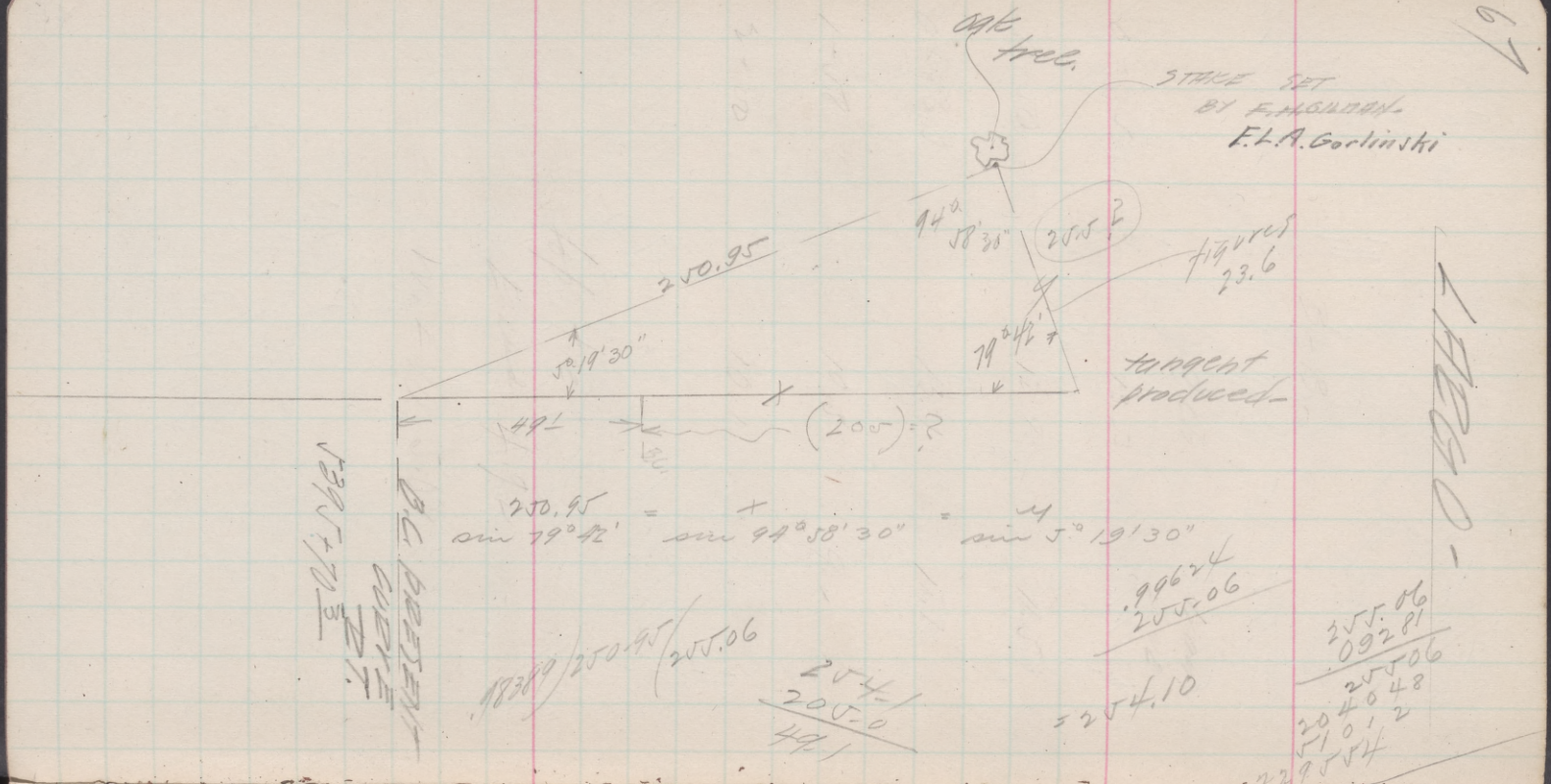
12' toe	0+25	12' toe
	0+55	
level +6.3 0 0 0 +6.4 16 top 11 toe 0 3 toe 10.5 top bank		
	1+00	
level +7.5 0 0 0 +6.9 19 6 toe 0 4.5 13' top bank top Channel toe		
	1+45	
top bank 0 0 0 top bk 19' 12' 0 7' toe 20.5 toe Channel		

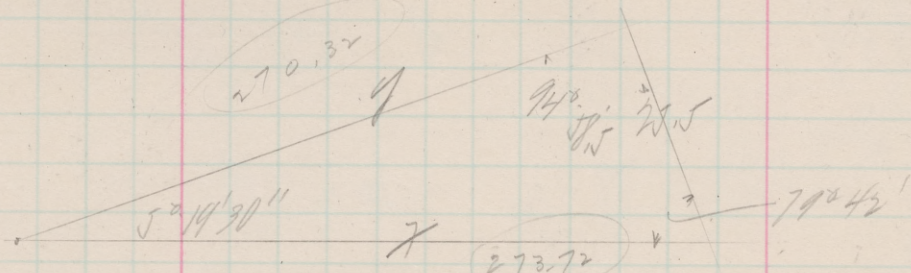
0+00 (A)	13.5	91.5				
0+25	13.3	91.7				
+35 +43.9 19 25	11.5	93.5			12.8	92.2
	14.1	93.9			13.1	91.9
	9.7	95.8			10.5	94.5
	10.1	94.9			10.1	94.9
0+00 (A)	13.5	91.5	TOP TIE WEST END = 100.00 TOEST = 5.02			
	15.6	89.4				
	14.1	90.9				
	15.0	90.0				
	15.4	89.6	ELEV. TOP TIE EAST END = 100.1			

LEVELS ON TRANSIT LINE

—NOTE - LEFT + RT. ARE AS SHOWN IN SKETCH ON PREVIOUS PAGE—

Plotted
W. J. O.
Aug 11-1914


oak tree
STAKE SET BY F. HOUDAK
F.L.A. Gorlinski
94° 58' 30"
250.95
79° 42'
tangent produced
49.1
(250) = ?
250.95 / sin 79° 42' = + / sin 94° 58' 30" = 4 / sin 5° 19' 30"
.9962 4
255.06
254.10
49.1
250.95
255.06
.18389
.09281
.20481
.20122
.29554
figures 23.6
1000
1389.70
1389.70



$$\frac{25.5}{\sin 5^\circ 19' 30''} = \frac{x}{\sin 94^\circ 58.5} = \frac{y}{\sin 79^\circ 42'}$$

.0981 / 25.5 | 274.75

$274.75 \times .98389 = y = 270.32$

$274.75 \times .99624 = x = 273.72$

$x = 273.72$

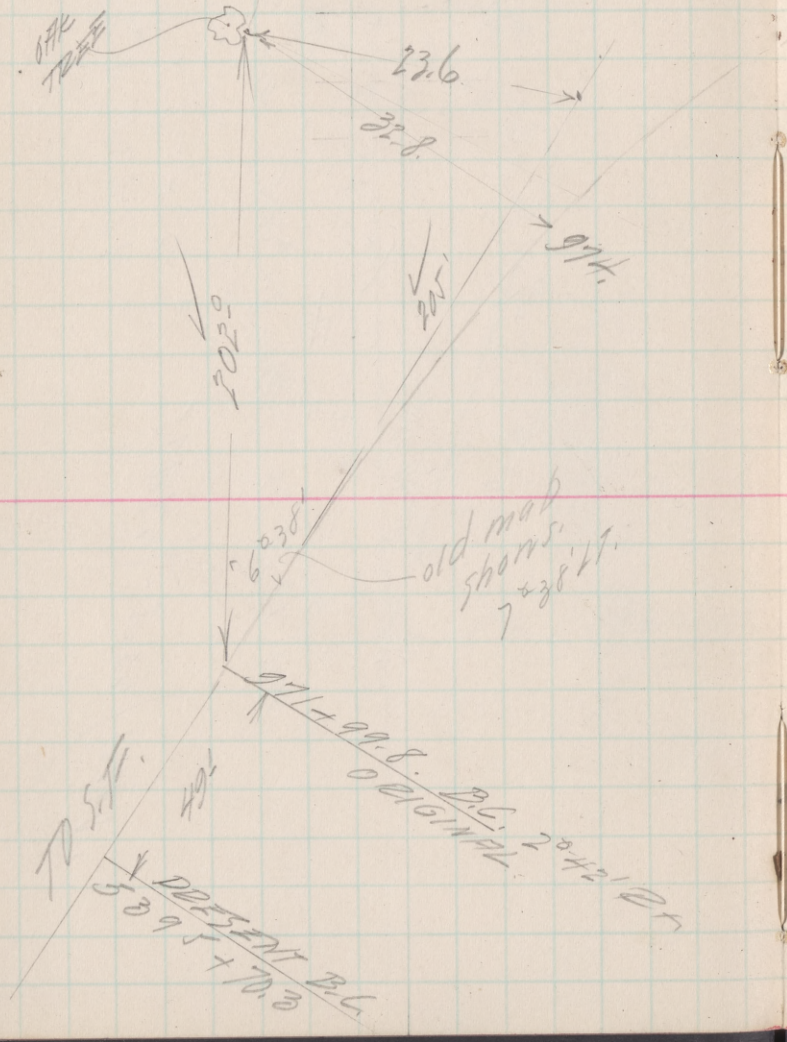
$y = 270.32$

69.

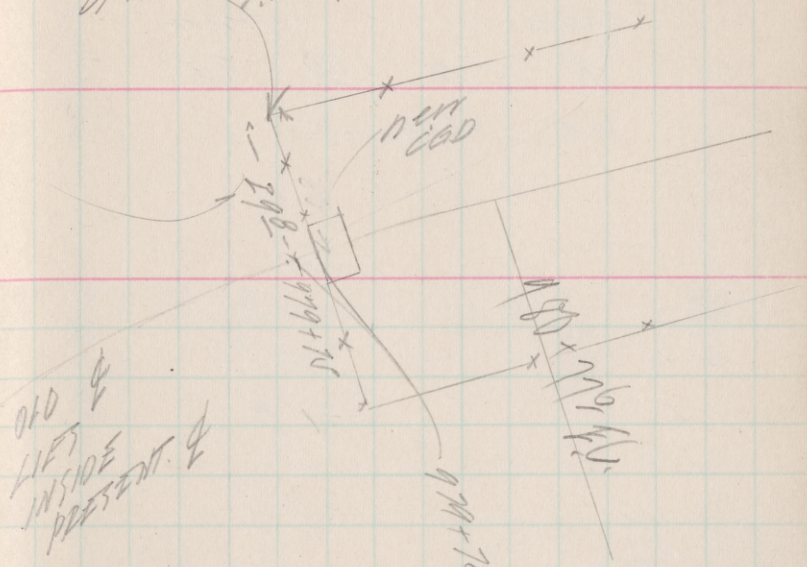
NOTE.

Should be 30'
according
to old print
fairly good
check
for location
old B.C.

STAKE SET BY THIS P.L.S.G.



PT. A.
PT. ESTABLISHED BY ME from SURVEY of (plan) F.H.G (on sta.



FENCE RUNNING to old pivot pt. of the same.

-OVER-

LARGO

DISTANCE OUT from
OLD ℄ RAN TO FENCE
ON RIGHT.

STA.	DISTANCE
9+78	22.1
9+50	21.8
9+00	21.4
8+50	21.7
8+00	21.6
7+50	20.8
7+00	20.1
6+50	19.0
6+00	18.7
5+50	17.6
5+00	18.4
4+50	20.7
4+00	22.3
3+50	22.4
3+00	21.0
2+50	24.8
2+00 B.C.	29.1

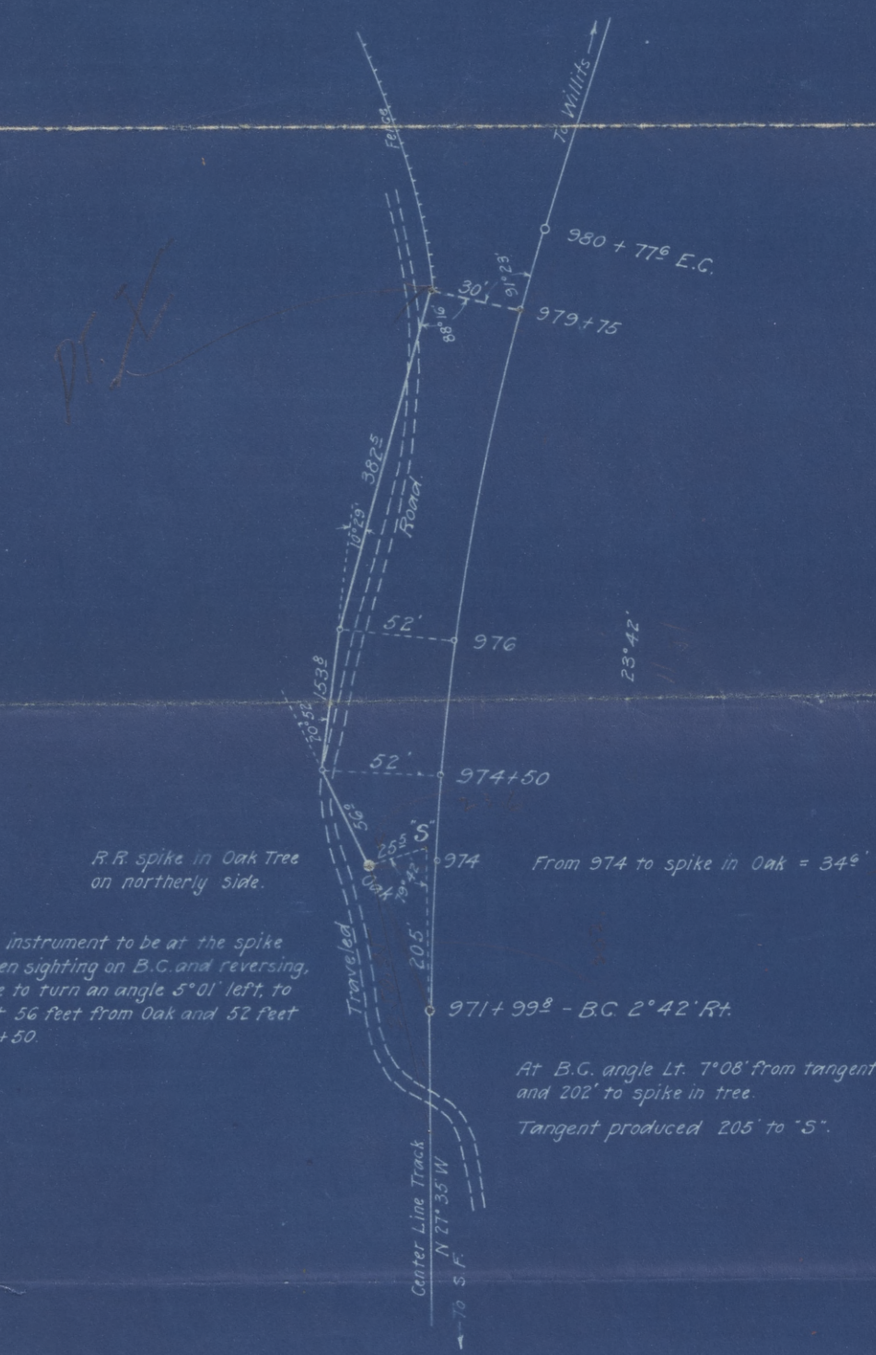
LARGO

DISTANCE OUT from O.C. & RAN TO FENCE ON RIGHT.

STA.	DISTANCE
9+78 ±	22.1
9+50	21.8
9+00	21.4
8+50	21.7
8+00	21.6
7+50	20.8
7+00	20.1
6+50	19.0
6+00	18.7
5+50	17.6
5+00	18.4
4+50	20.7
4+00	22.3
3+50	23.4
3+00	21.0
2+50	24.3
2+00 B.C.	29.1

30 ctr cross
12½

GMD P-821



R.R. spike in Oak Tree on northerly side.

From 974 to spike in Oak = 34.6'

Supposing instrument to be at the spike in Oak — then sighting on B.C. and reversing, we will have to turn an angle 5° 01' left, to strike point 56 feet from Oak and 52 feet from 974 + 50.

At B.C. angle Lt. 7° 08' from tangent and 202' to spike in tree.

Tangent produced 205' to "S".

SURVEY OF WEST BOUNDARY OF STATION GROUNDS AT LARGO

G.E.
4-A.

LARGO

DISTANCE OUT from O.C. & RAN TO FENCE ON RIGHT.

STA.	DISTANCE
9+78 ±	22.1
9+50	21.8
9+00	21.4
8+50	21.7
8+00	21.6
7+50	20.8
7+00	20.1
6+50	19.0
6+00	18.7
5+50	17.6
5+00	18.4
4+50	20.7
4+00	22.3
3+50	23.4
3+00	21.0
2+50	24.3
2+00 B.C.	29.1

30 ctr cross
12½

1913

Battery Box

99+04.7
12" Pipes

42°

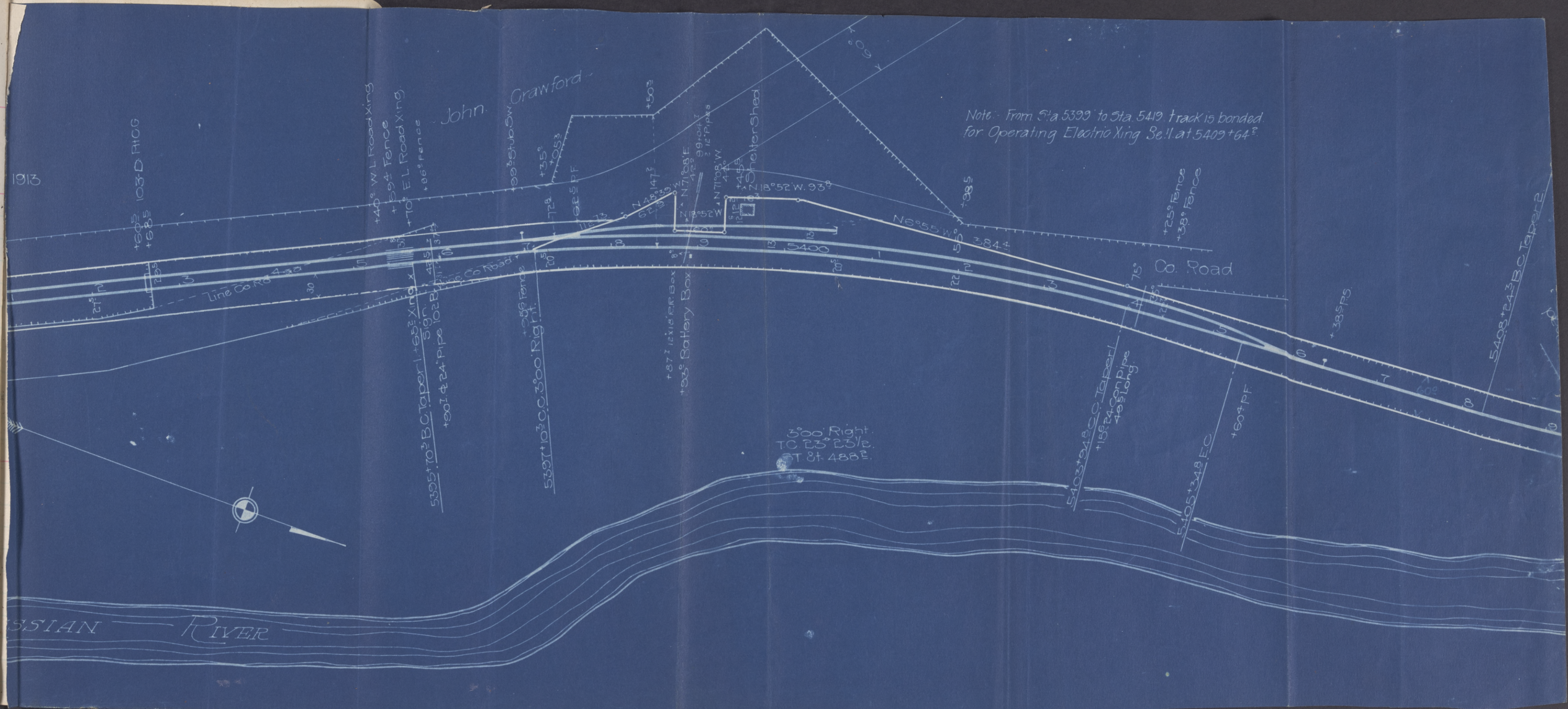
N 71°08' W
47°

18°52' W

+38 P.S.

5408+24.3 B.C. Taper 2

60°

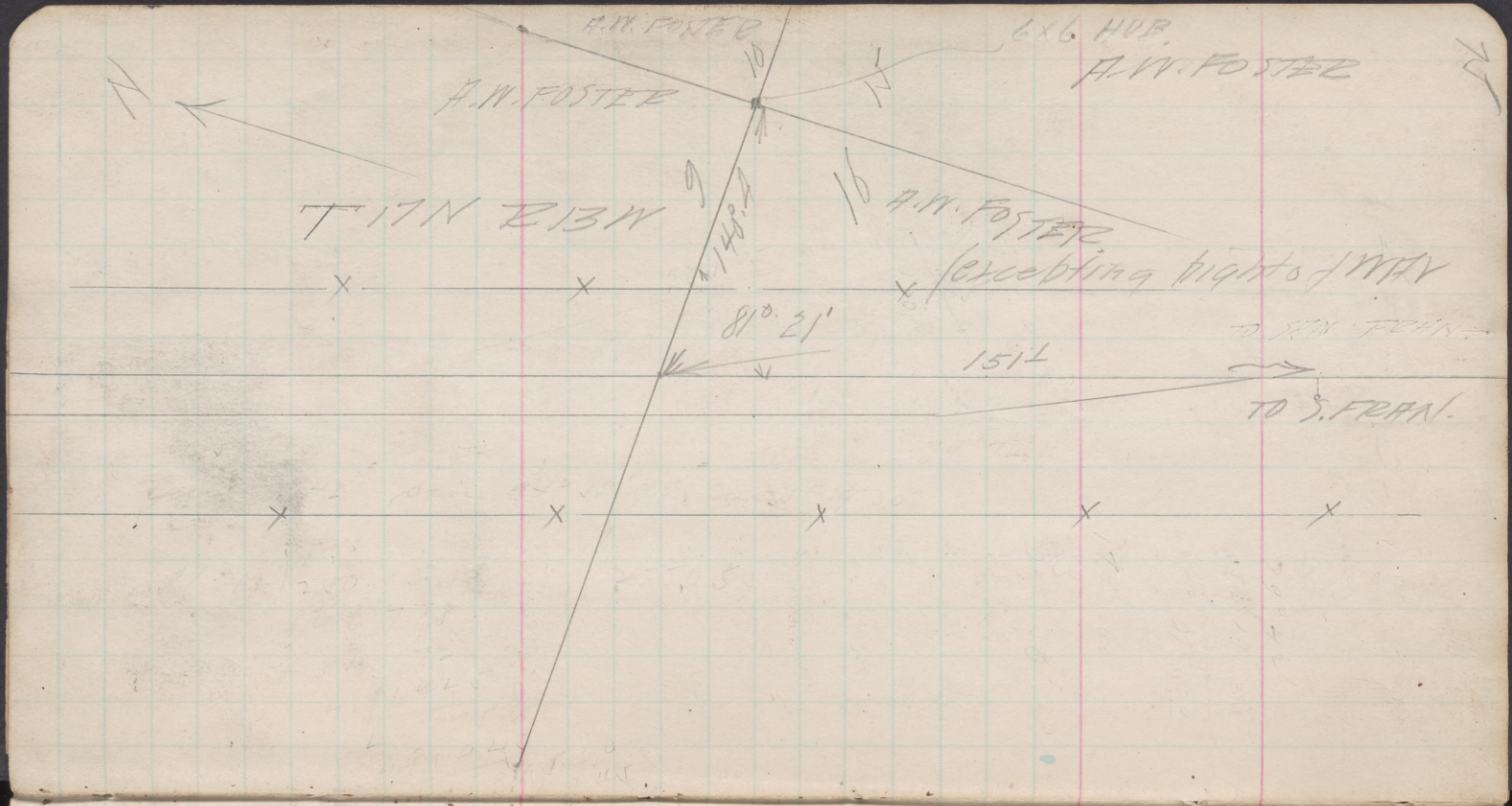

1913
Note:- From Sta 5399 to Sta 5419 track is bonded for Operating Electric Xing Se.11 at 5409+64
John Crawford
Shelter Shed
Co. Road
Line Co. Rd
5400
3° 00' Right
T.C. 23° 25½'
S.T. 8t. 488
RUSSIAN RIVER

Range

$$\begin{array}{r} 2242' \\ 60 \\ \hline 120 \\ 42 \\ \hline 162 \\ .81 \end{array}$$

B.C = 97 + 97 + 97 + 975 + 976 + 977 + 978 + 10 + 97

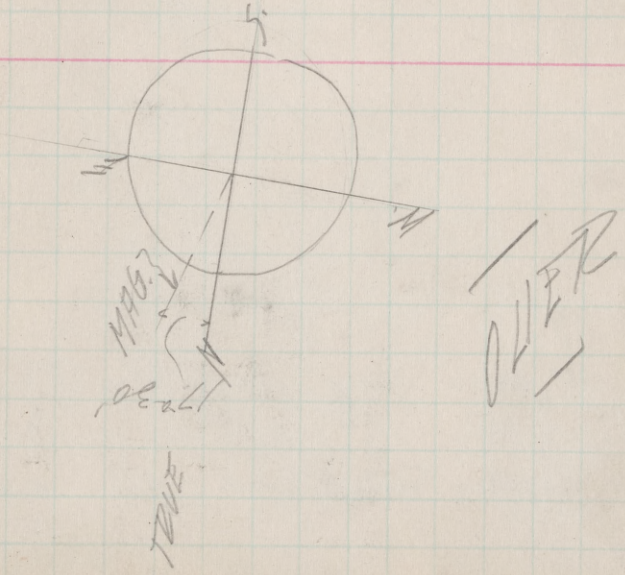
$$\begin{array}{r} 97.6 \\ 18 \\ \hline 97.6 \\ 8 \end{array}$$


A.M. FOSTER
6x6 HUB
A.M. FOSTER
A.M. FOSTER
T 17 N R 13 W
9
10
16
A.M. FOSTER
148.4
81° 21'
151
TO SAN FRAN.
TO S. FRAN.

AUG. 5 - 1916 76

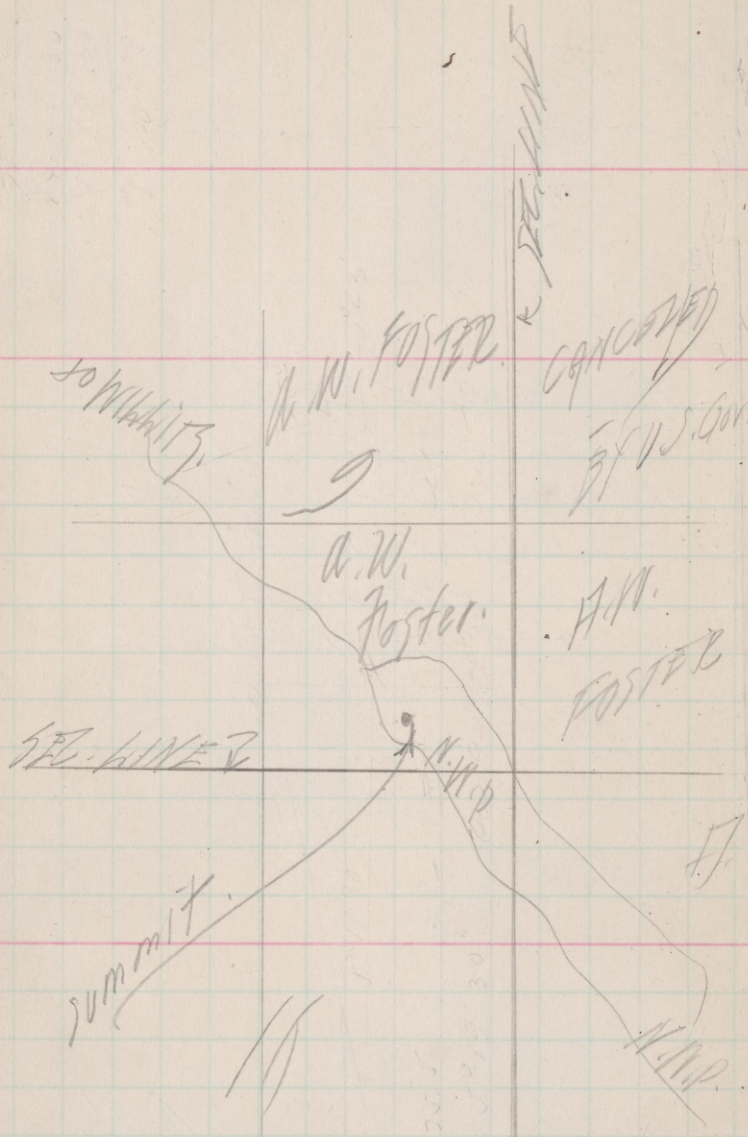
RIDGE WOOD.
LOCATION . SEC. LINES.

ALL PROPERTY TRAVERSED BY. WATER SUPPLY DITCH TO RIDGE WOOD WATER TANK - BELONGS TO A.W. FOSTER.

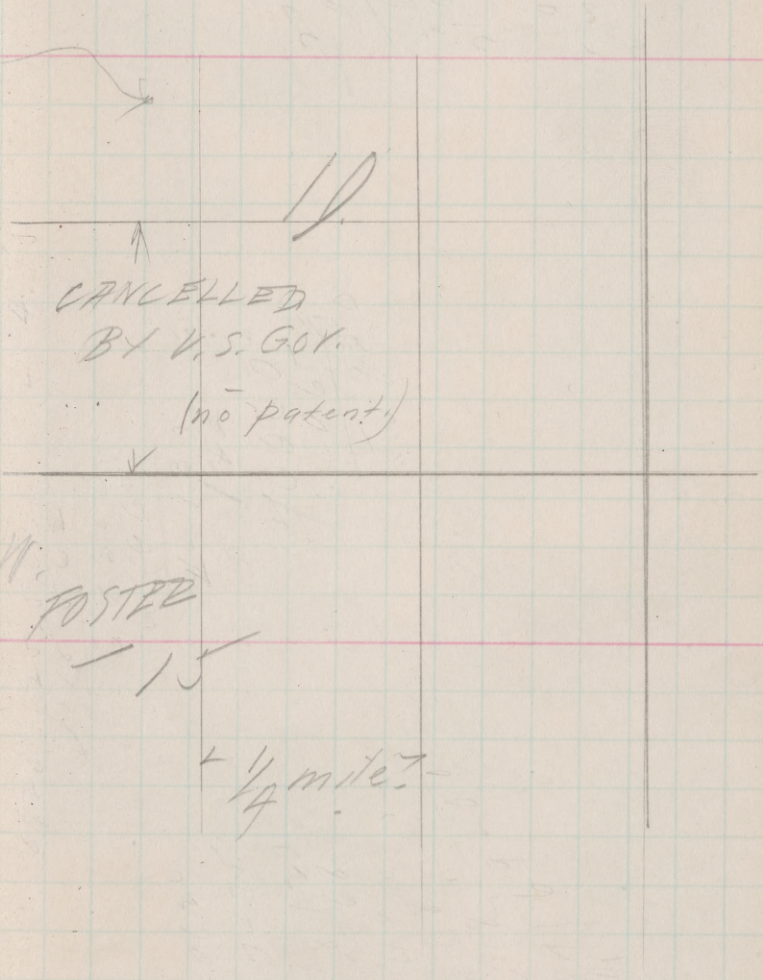


OVER

77


SEC. LINES
A.W. FOSTER
CORNER
BY U.S. SUR.
to Willits
a.w.
Foster.
A.W.
FOSTER
SEC. LINES
N.W.P.
summit.
N.W.P.

T 17 N R 13 W.



19

PRESTON

MAIN LINE

CRAIN LINE

TO ST. LOUIS

DEPOT

END CURVE
45+14+21.8

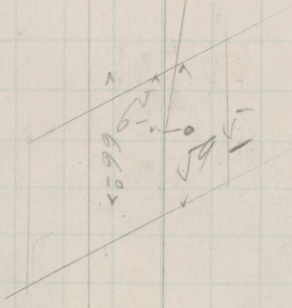
110°

45+15+31.6

mail chute

— NOTES —

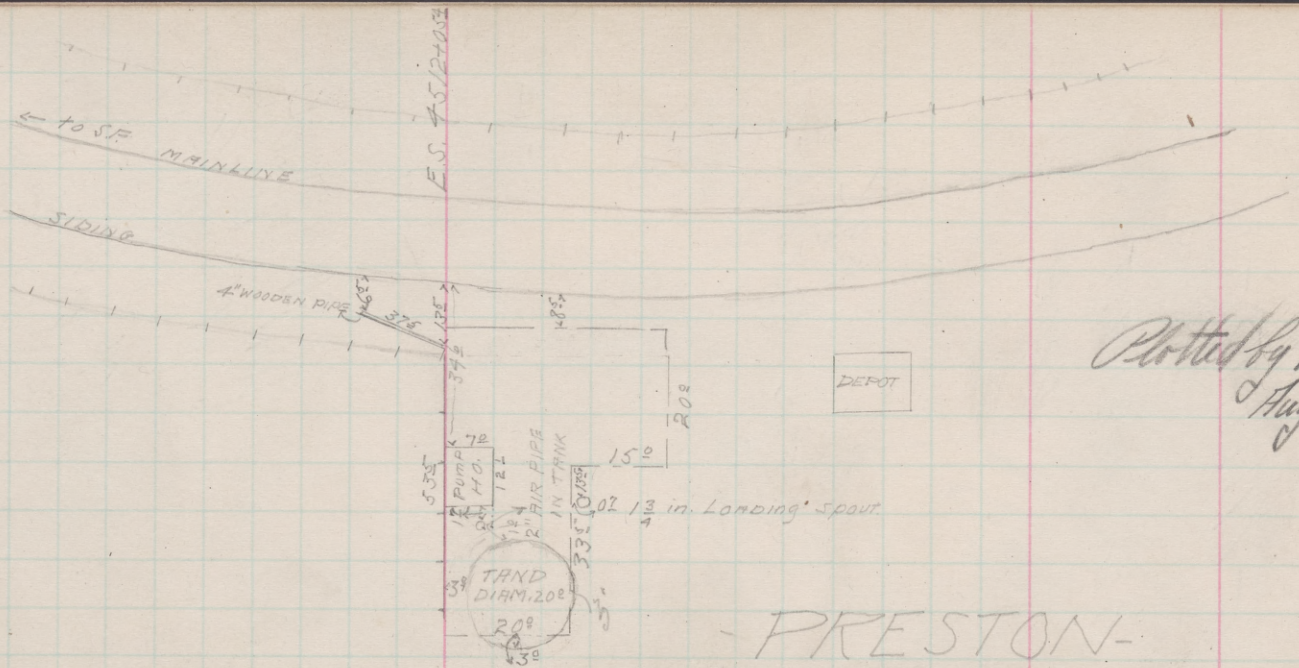
New Breakfast Deck.



Old Trestle
7293+58 8 W.L.
7294+38 4 E.L.
} 139K

New Trestle
7293+75 8
06 5
7293+69 3 W.L.
66 0
7294+35 3 E.L.
} 139K

Also new deck trest. 139 F (Fort Bragg Line). No change in Bents.



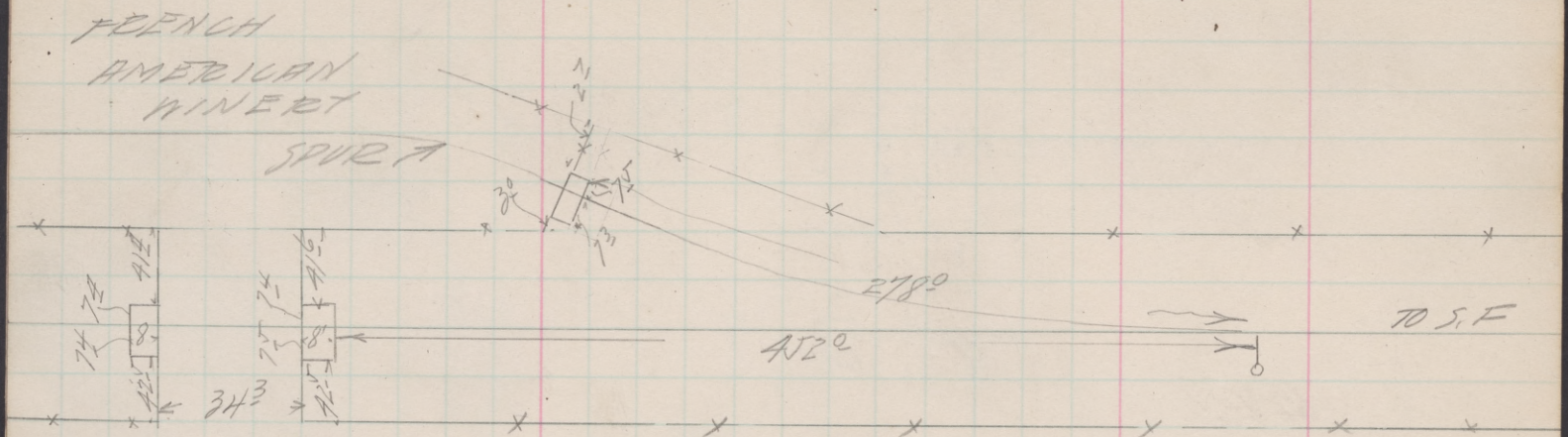
Plotted by W.J.A. Aug. 11-1916

PRESTON

REFACTORY MAGNESITE CO. LEASE AS STAKED

LOCATION OF PIPES, PUMP HOUSE, TANK, ETC.

AUG. 3-1916

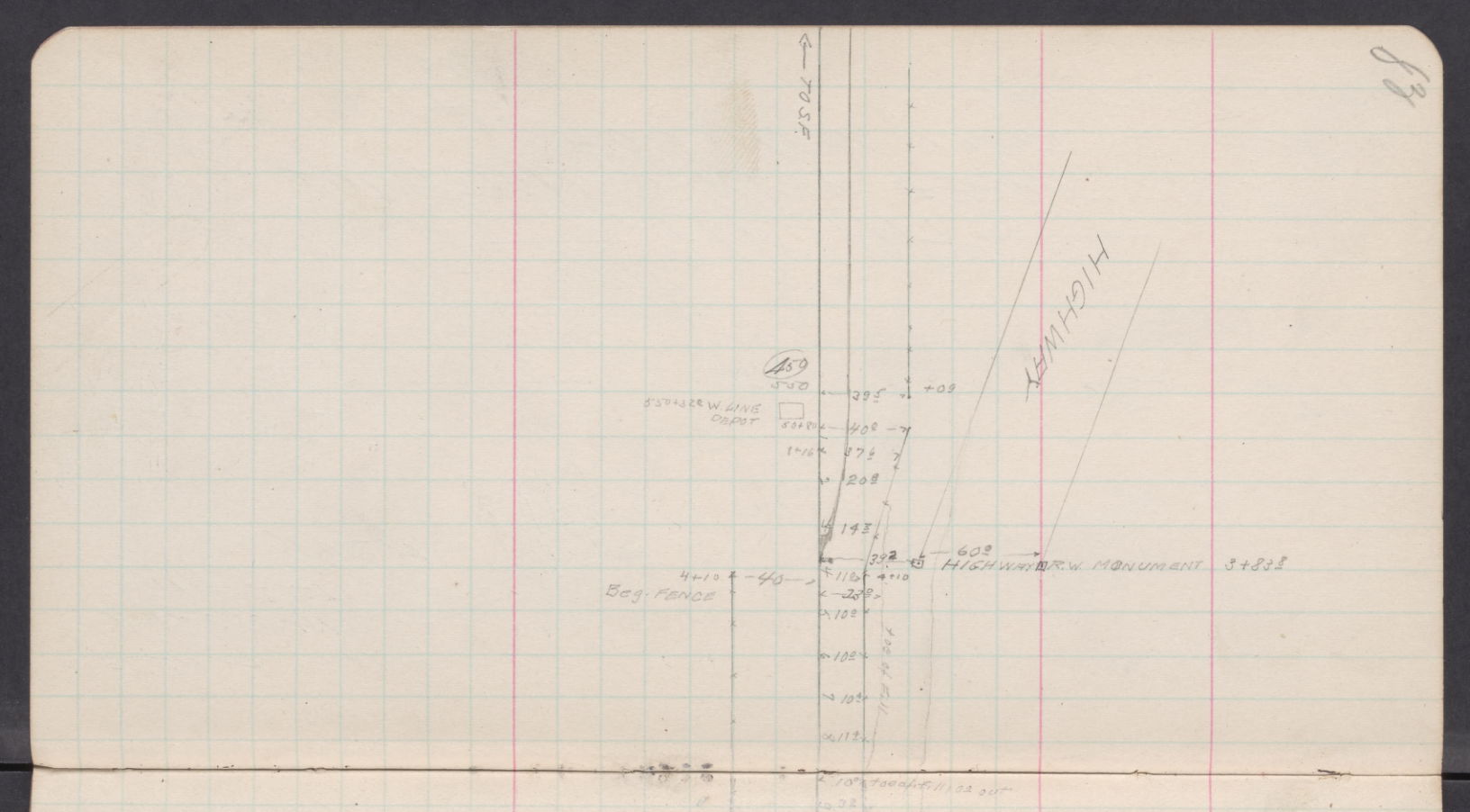


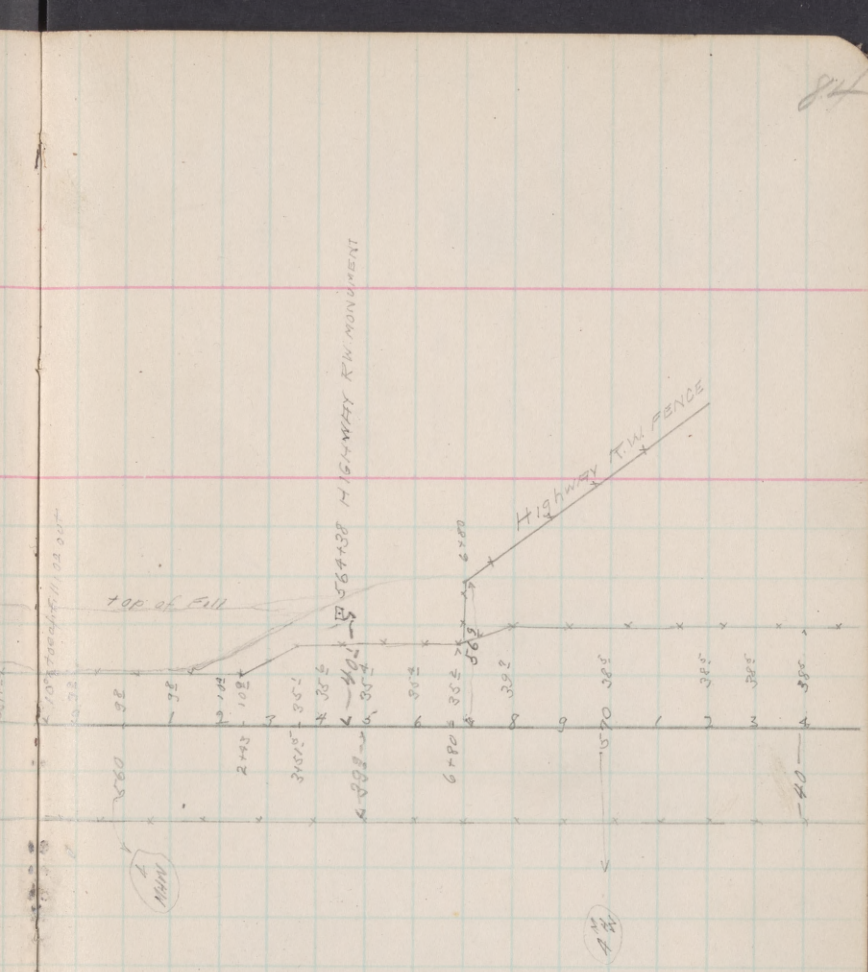
UKIAH

LOCATION 3 NEW #3 PIT CGDS
FOR NEW WORK REPORT.

Plotted W. J. H
Aug - 1916

AUG. 4-1916.


N
HIGHWAY
W. LINE DEPOT
Beg. FENCE
HIGHWAY R.W. MONUMENT 3+83.8
60'
40'
39.5
40.0
37.6
20.8
14.3
39.2
27.9
10.2
10.2
10.4
11.2
11.4 to 12.5
10' to daylight 11.92 cut



- SEARS POINT. -

LOCATION FENCE

WITH REGARD TO MOVING FENCE OUT TO RIGHT OF WAY LINE

G.L.B.

Plotted M. J. A.

Sept. 6-1916

8

PT.

STA. TE. #1 MAIN L.	ROD =	EDET.	STATION TE. 2	ROD =	EDET.	STATION TE. 3	ROD =	EDET.
P.S. TOP TIE		3.68						
712+74 V	6.5	29.2						
						P.S.M.	6.1	
TOP TIE								
715	4.8	30.9 ✓						
716	4.7	31.0	MAIN LINE STATION OPPOSITE	4.7				
717	5.0	30.7		4.9				
P.T.	3.09	22.59 ✓						
		30.8				END TAPE	6.2	
718	5.4	31.2	M.L. STA. 718 OPPOSITE	5.6				
719	6.3	29.4						
719+50	6.4	29.3		6.4				
720+00	5.9	29.8						
720+50	5.9	29.8 ✓	OPP.	6.2				
721+01 E.C.	5.9	29.8 ✓		6.1				
T.P.	5.22	30.46						
	+2.50	30.46						
722+00	3.7	29.96						
723	4.9	28.1 ✓						
24	5.1	27.9 ✓						
25+50								
26+00	5.0	28.0						
27+00								
27+50	5.1	27.9 ✓						

RETES.

YARD

N-748

87

STA.	Rod =	ELEV.
12.6	T	

ELEV.

STA.
TK. 9
Rod ±
=
ELEV.

STA.
TK. 10
Rod ±
=
ELEV.

STA.
TK. 11
Rod ±
ELEV.

STA.
TK. 12
Rod ±
ELEV.

STA.
TK. 13
Rod ±

91

DT. DETS.

	Sta. Tr. 1	Rod =	±	Elev.
GOVERNMENT BM EAST LINE 44th St	3.96	32.92		29.0 V
	+ 1.32	30.82		
28+00	2.6			27.7
28+95	4.2			top pc 26.1

	Sta. Tr. 4	Rod =	±	Elev.
				DISTURBED
			EAST P.F.	2.8
				old main

30+00	2.0	28.82	
31+00	4.6	26.72	
32+00	5.3	26.0	
33+00	5.6	25.7	
34+00	5.8	25.5	
35+00	6.2	25.1	
36+00	9.0	22.3	
T.R.	8.57	21.75	
	+ 3.27		
735+97	11.84	5.02	
Co.		21.3	
36+47	8.7	25.3	
36+97	11.5	23.5	
37+47	11.8		
37+97	10.7	24.3	
38+47	11.0	24.0	
38+97	10.9	24.1	
39+313 Tr. C	11.2	23.6	tab + e.

STAKED -
NEW YARD

LEVELS ON NEW
TRACKS
—

33.96
▽-1
=7.8

29.0
▽-1
d

Lt.

-X-SECTIONS-

58+98.5

30+00

level -2.5 -2.1 0
11 8.0 0

31+00

level. 0
0

32+00
0

level.
level. 33+00
1 0
0

34+00

level. 0
0

35+00

+1.4 0
45 0

36+00

+2.8 +1.0 0
30 ✓ 0

Right

0 -1.8 +2.6 +3.2 +1.8 level
0 5 10 17 20

-4.4 -3.9 -4.6 +0.6 -2.0 level
5.0 12.5 20 29 37
Str.

---

0 +2.7 +2.8 -2.7 -1.2 -3.2 +3.8 +3.8 +0.3
4 10 18 20 26 34 44 44 52
Str.

+0.2 +1.3 -3.5 -2.1 -3.7 +2.6 +2.6 +1.0 +0.7
27 27 34 43 50 54 59 67 74
Str.

+0.3 +1.3 -4.2 -3.0 -4.1 +2.1 +0.9 level
38 42 50 57 66 72 78
Str.

-0.5 +0.1 -5.4 -1.1 -4.2 -5.2 -0.3
35 41 50 58 67 68 70
Str.

-2.3 -1.7 -6.2 -5.3 -6.0 -2.3 -2.1 -3.8
41 52 56 65 73 77 81 83
Str.

-4.8 -4.8 -3.8 -4.1 -6.3
14 37 46 52 66
Str.

95

4.

36+97

+9.5	+8.5	+0.5	0
41	24	6	0

37+97

-1.3	+1.3	0
.7	13	0

SEE 300 # 1 A.
STAKING NOTES.
LEVEL MAY-1911.

Z+

+0.2 +2.5 +3.2
9 18 24

+1.2 -0.3
90 15

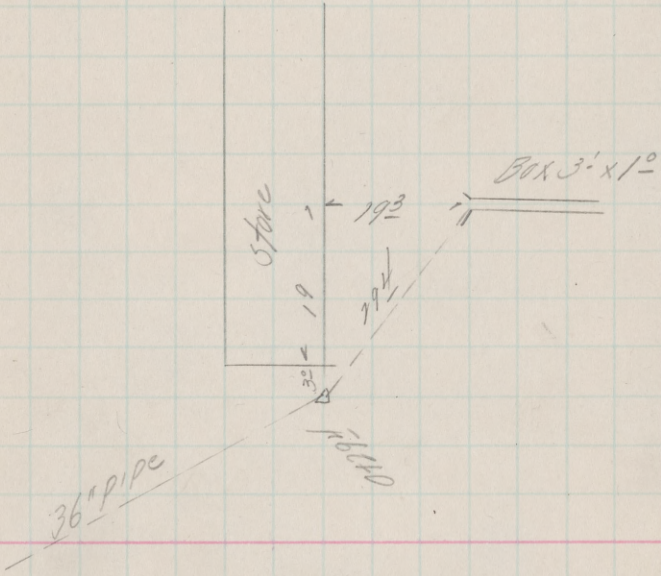
SEE N-737
N-728
PROFILE N-728

TIBURON - Prop. 36" Conc. Pipe

Plotted W. J. A.

Aug. 1916

Sta.	Elev.	
0+00	18.6	
+29.5 G.D.	13.8	Ground -
+93	12.5	Top Tie Tr. #1
1+25 -	12.3	" #2
+43 -	12.4	#3
+63 -	12.4	#4
+79 -	12.1	#5
2+00 -	12.2	#6
M.Line -	12.1	#7 (2+22)
2+44 -	12.1	#8
3+03	12.0	#9
3+26	12.0	#10
4+00 -	11.3	Ground
+53	11.3	"
+60	13.4	Top + Edge Wharf.
+65	7.2	Ground under Wharf
	12.5	Top Main Wharf.


Box 3'x1'-
Store
19'-
19'-
19'-
30°
B
40'-
36" pipe

99

- PETALUMA -

H.I. = 16.60

		Rod.
Bot. Calv. Petaluma St.		6.09
ground - 0+00		5.8
ditch "		6.6
TR	TR. #1.	1.9
0+72	Top Tie	2.25
TR	#2	1.6
0+33		1.95
TR	#3	1.6
0+48		1.95
0+63	Top Tie	3.60
		3.24
1+04		2.5
T.P.	3.78.	
1+16		

OCT-19-1915 100

NEW 36" CONC. PIPE.

9.92
1.6
11.52

11.52
6.09
5.43

4.9
9.76
11.66 H.I
1.6
10.06

5.57 GD 5.57 11.66
6.09
5.57

11.66
1.6
10.06

5.86 ✓ 3.35 ✓
5.1 8.06 11.66
3.35
.42

REV. 9.76
9.41 3.18 11.66
3.24
8.42

REV. 10.06
9.71 3.10 Wt. 6.6 THICK. 0.57

" 10.06
9.71 2.98 Wt. 6.1 11.66
6.6
06
.0077
116).9000
812
880

8.06 2.87 Wt. 5.7

8.42
9.16 2.55 ✓ 9.16
2.5
6.

2.45

-C. Bow-

LEFT.

℄ new trest. and trk = 0+00.

B.M. 28.43	T.R	4.5
new trest ℄.	T.R	4.52
0+14		7.0
0+50		7.6
1+00		7.7
1+50		7.5
2+00		8.2
2+43		9.1
3+20		10-6
3+50		

LEVELS
STAKED
15' opening

2.8.
2.3

WT-1416

H.L. 32.93
10.6
22.33

Grade- D+.

D- EZER.

28.43-	23.00 V	V.L
25.93	22.9V	3.0
25.33	22.8V	2.5
25.23	22.7	2.5
24.43	22.5V	2.9
24.73	22.4	2.3
23.8	22.27	-.6

WT: 13

7.33 100-50

1+00

1+50

2+50

2+00

EZER. 66

Stringer.

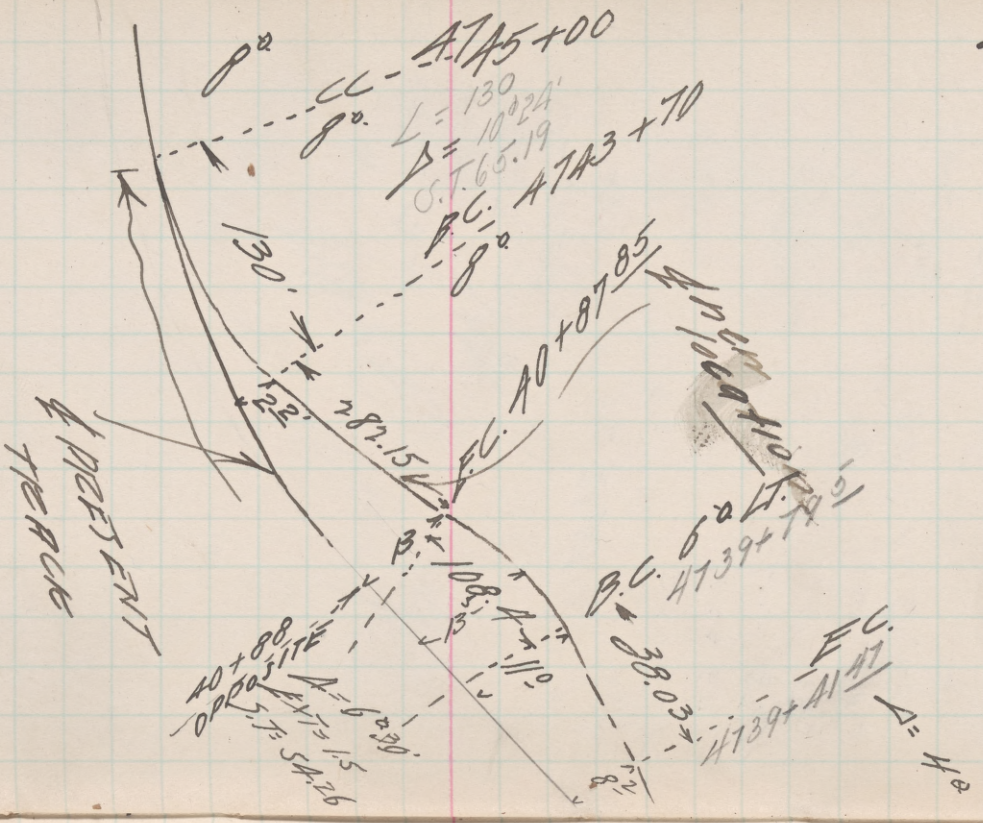
28.43
2.23
26.2

GD.

EZER.

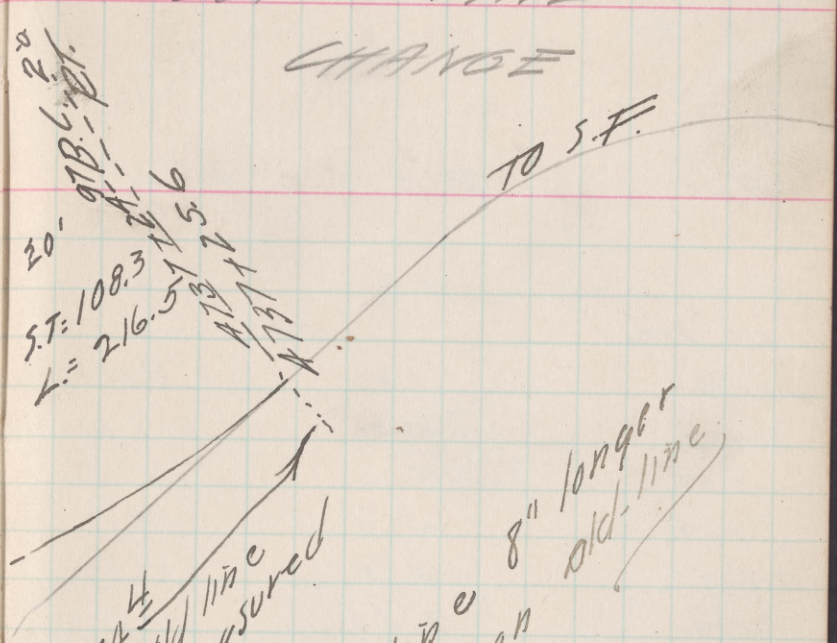
V.4	WT. 4L	27.V3
V.3	WT. 38	27.63
7.80	WT. 09	2V.13
7.6	WT. 03	2V.33
7.4		2VV3

23.4
23.1
23.2
23.0
25V


8°
CC
8°
4745+00
L = 130
Δ = 10°24'
S.T. 65.19
P.C. 4743+70
8°
130'
282.15
38.03
216.50
108.35
775.03
4745+00
775.03
4737+24.97
40+87.85
E.C.
282.15
108.35
P.C.
4739+11.20
38.03
E.C.
4741
Δ = 4°
40+88
OPP. SITE
Δ = 6°30'
T = 1.5
5.73 54.26
8°
22'
22'
11°
13'
13'
6°
L.T.
4739+49
Length
new line.
130'
282.15
38.03 v
216.50 v
108.35
775.03
4745+00
775.03
4737+24.97
PROPERTY
TRACK

Plotted 11/1/16
N. T56
W.J.A

CUT - LINE
CHANGE



GRADE STAKES ALSO SET FOR ditches

OCT. 25-1916.

M.H.W.
G.L.B.
M. KNIGHT
DON BUDDIE

105

STEVENS

HEDKE

↑ = 103.4

STA.	Rod		ELEV.
BR. P.F.	3.4		100.00
TOP BOT.		3.85	99.55
1+50	3.82		99.58
2+00	5.00		98.40
2+50	4.53		98.87
3+00	4.23		99.17
3+53	3.80		99.60
4+00	3.50		99.90
4+50	4.20		99.20
5+00	4.25		99.15
5+23	3.15		100.25
5+50	4.10		99.30
5+75	4.10		99.30

ELEV. BOT. = 99.55

103.40 − 3.85 = 99.55

10

104.2

LUMBER SPUR

SUBD -

Dec. 13-1916

Plotted By W. J. A. 1780

HAYSTACK 12/15/16

48+50

toe dist.

top tie 0+00	0 4.5	-1.3 8	-1.3 9	-4.0 16 toe fill	-5.0 24 f	no.
49+00.	0 4.5	-1.7 8.5 toe ball.	-1.7 9.5	-4.2 13.5 toe fill	-5.1 15.5	toe 25 = toe
49+50	0 4.5	-1.4 7.7 toe ball.	-1.5 9.7	-3.7 12 toe fill	-5.2 17.5	= orig ground
50+00	0 4.5	-1.3 8 toe ball.	-1.3 9.2	-4.3 14.8 toe fill.	-5.3 17.5	= orig ground.
50+50	0 4.5	-1.3 7.5 toe ball.	-1.3 9.8	-3.8 13.5 toe fill	-5.0 16.7	"

1+00

1+39 ℄ Bot coll.		-0.1 4.5	-1.9 8.5 toe ball.	-4.9 9.5	-3.9 13.5.	-6.2 14. bot. bot
2+00	0 4.0	-1.6 8 toe ball.	-1.6 9	-3.5 14.	-5.4 16.5	orig. gro
3+00	0 4.2	-1.5 7.5	-1.5 9.7	-3.0 12.5 edge slt.	-3.8 orig toe 13.7 fill.	-5 14
4+00	0.0 4	-1.5 8	-1.5 9	-2.7 11.5 edge slt.	-3.5 13.5 original toe	-5 14

+-SECTIONS-
IN CONNECTION WITH GROUND BEING FILLED IN BY- QUEST. CO.

as ground rises. nest of here
↑ quite rapidly ↑

silt nesterly end water from quarry.
water 1 ft. deep.

water 1.6' deep. small amt. silt.

silt 1.5 feet deep above original ground.

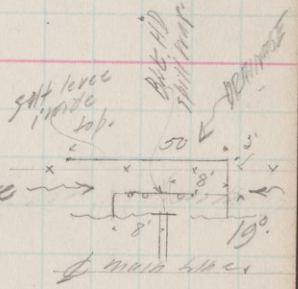
" top silt 1.4 " " " " " "

" silt 1.6 deep.

" 1.2 "

just notes bad

-6.0 -3.0 -5.3 = orig. ground. top. 2' above
box 19. 19 29 fence silt. 2' deep



ground-

silt. 2' deep.

top.
-5.1 orig. ground silt. 2 1/2 deep
14.8. = above original ground.

-5.5 silt. 3 feet deep.
14.5

109

Plotted by W. J. A.
12/15/16 N-780

5+00	0.0	-1.5	-1.5	-2.7	-3.5
	4	7.7 toe ballast	9	11.5 edge silt	13.5 toe of fill
5+25	0	-0.9	-1.4	-4.0	-4.0 -1.4
	4	7 toe bal.	9.2	10 bottom bar.	12.5 17 top tree
6+00	0	-1.4	-1.4	-2.1	-3.2
	4.5	8 toe bal.	9.5	11 edge + top silt	orig. top 12.5
7+00	0	-1.2	-1.2	-1.6	-2.6 -3.0
	5.0	7.5	9.0	10 edge + ballast	12½ orig. ground 13.5
7+50	0	-1.7	-1.7	-1.7	-1.7 -0.5
	5.5	7.8 toe bal. + edge silt	15 top slope	16 edge ditch.	22 23.5
8+00	0	-1.0	-1.0	-2.0 ditch. 5' wide	
	5.5	7.5	11.8 top silt	12.5 edge ditch.	
8+50	0	-0.5	-0.5	-1.4	
	4.5	8 edge silt + toe ball.	12 edge ditch	13.5 + silt.	
9+00	-0.1		-0.1	-0.1	
	5	ballast.	7.2 edge silt.	14 edge top 14.8 ditch. silt.	

P.I. WITH 9+55

0	-0.1	+0.3	-1.4	top silt
4.	9.5 silt 10.0	12.5 silt.	N.C	in ditch.

levee of silt

-3.4 orig. ground. 15'

silt 1' deep

silt 1.5'

original ground

collect. -2.6 - 18 on top silt. - 12' - -3.8 19

silt 1.5 deep

3½ x 2 = 3 30 ft.

-3.1 silt 1³ deep. 14.5

levee 3 wide 1.2 high -1.2 level 26

cut from ℄ 10' silt 1.5 deep

top silt.

-10.3 -1.0 levee 4 wide

7.5 20.5 top levee 25 (No orig ground) cut levee 1' deep

-2.0 -4.2 -1.4 +0.4

14.5 original ground. 15. orig. ground. 18 silt 21 ditch 5 wide top levee 5 wide bottom

-4.1 -1.6 top 1.6 ditch -0.1

orig. ground 15.3 16. silt 20 4 wide 21 top silt.

+1.8 top levee 23 top silt +0.4 top silt level. 25

-3.9

original ground 18 -1.4 +0.3 18 top silt +2.0 top levee 21 +0.8 24.5

60+00

0 4. 0 4. 0 4 edge silt. 0.0 13.2 edge ditch. -1.7 14.5

60+50 0 5.5 -0.3 7 edge silt -0.3 12 silt + edge ditch. -1.7 13.4 -1.7 16.5 -0.3 17.0

61+00 0 8 +1.2 8 0.0 9.0 -0.4 9.5 edge silt. -0.4 edge 14.3 ditch -1.2 tob silt+ 14.8

62+00 doe & subsoil exploration 0 + 0 4 + 0.3 6.5 gravel. 10.9 edge silt -0.4 14 edge ditch -1.2 14.6.

63+00 +0.7 4 0.3 6.5 -0.5 9.5 edge silt -0.6 15.4 edge ditch -1.8 16.5

63+70 +0.2 5.5 -0.9 10 edge silt. -1.1 14.8 edge ditch. -3.9 16. orig. ground

64+20 +0.1 4.5 -0.8 7 toe ballast. -1.3 10 edge ditch. no silt.

page 117

Boston
water filt. bas

-1.7 00 +.9 top levee } came over tract length.
16.7 17. 21.5 20 feet.
+0.3
24.
+.3 original ground.
15 00 ft.

-0.2 +1.6 -0.3 levd. -4.2
18.3 20.8 top 22 original
levee 15' ground.

+.6 -1.2 -0.4 +1.3 +0.1
16 original 18.4 18.5 21.5 top levee 23.5 level.
ground.

-.5 original -1.2 -0.4 +0.9 +0.1 +0.7 +0.5
16 ground. 17.8 18.0 21 top 22.4 25 [illegible] 28 0.0
levee. [illegible] ditch. 35.5

-1.8 ~~-4.8~~ original -0.6 +0.5 top -0.3 +0.3 -0.6
18.5 17 ground. 18.5 22 levee 23.5 26 27.7

-2.3 -2.3 0.0 -0.9 -0.6 -1.5
17.3 15.4 20 top 22.8 24.2 26.5
levee

-2.7 -5.2 -1.2 -7.8
18.5 in ditch 14.5 16 small top 17. } No orig. Ground Line
levee

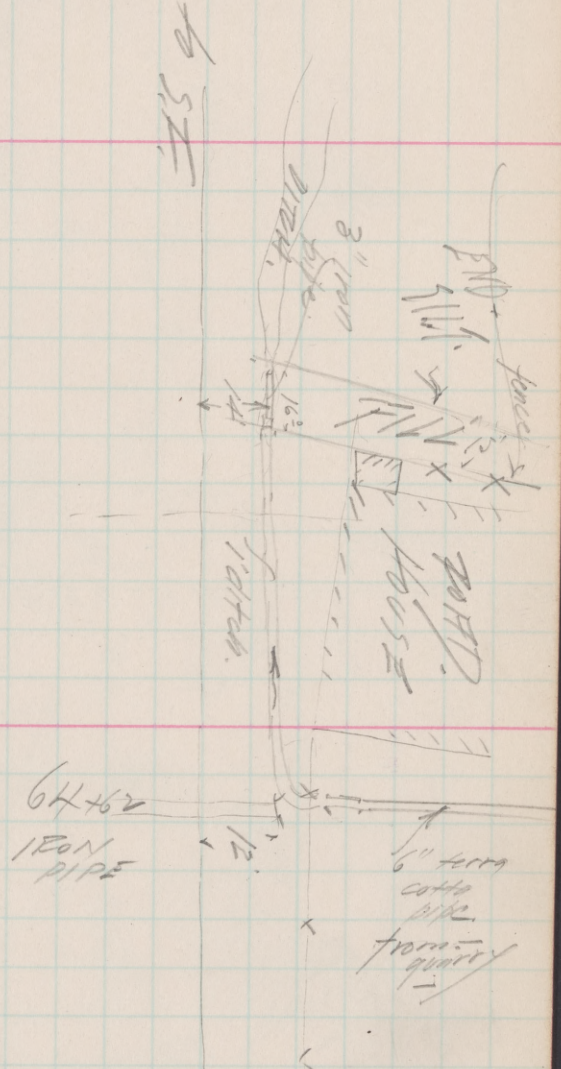
OVR

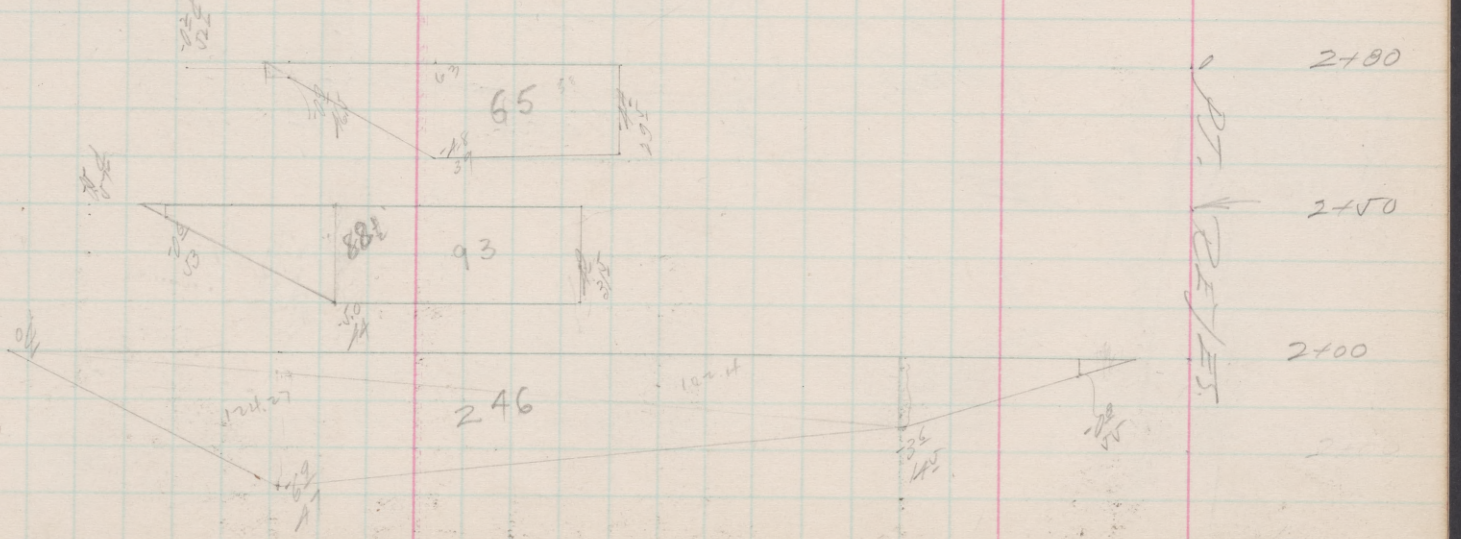
√7+00 + 19' ± end-tree.

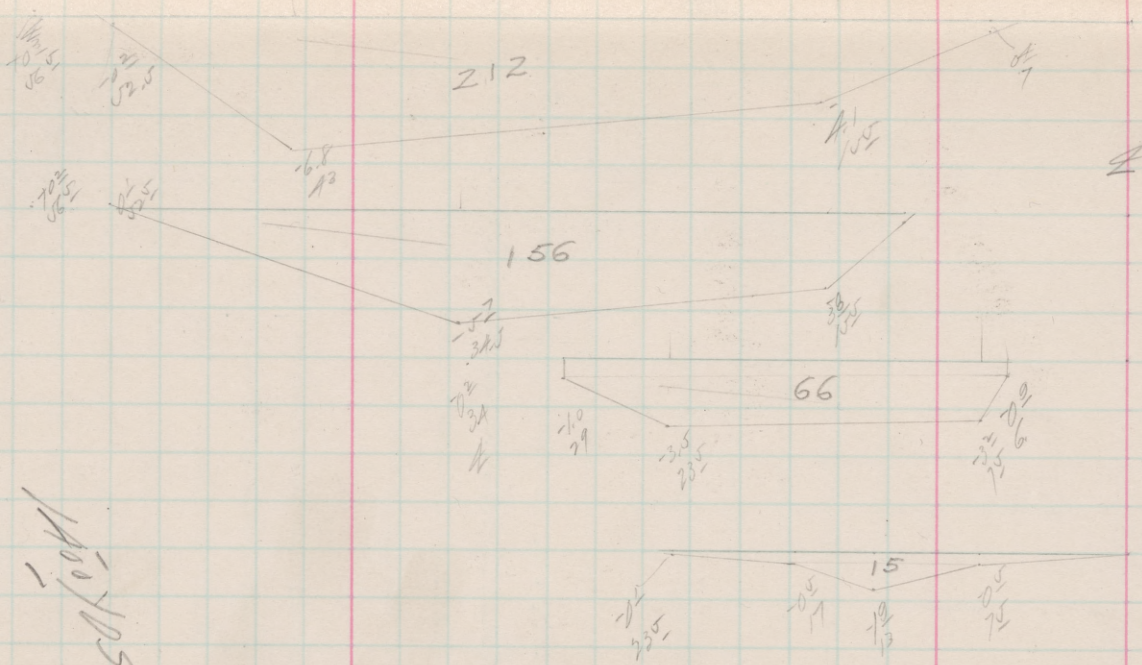
√7+10 - 24'

DEC-13-1916 114

— HAYSTACK




65
93
246
2+80
2+50
2+00
PT
PCC



F-SEES.
INT HOLE-METR
OHD TRON TABLE

MAINS
1

MAINS

Pocket.

A CGD. 621+83

P.S. 623+33.3

636+967

622+07 BC. 0°40' LT. EC. 625+70

B.C. 630+70

T. 631+90.9

EC. 636+52 EC

13.3

124
93
61 0.34
30 46

103.70
3.46
140.24

6+00.00
1468.75
60+31.25

103.70
3.34
140.36

61+13.2
60+31.25
82.0

103.70
3.25
140.45

140.5
13.3

30 = 46'

6+53
7+53 13.75
7+68.75

13

137

32.5
.7
31.8 conc.
31.0
.8

.8
8½
.7

17)